

Converting Colors

XYZ(75.0711, 87.8065, 77.9474)

Have a look what the booklet for
XYZ(75.0711, 87.8065, 77.9474)
contains.

XYZ(75.1955, 88.0808, 78.0038)	3
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Color

**XYZ(75.1955, 88.0808,
78.0038)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FAD8
RGB	217, 250, 216
RGB Percent	85%, 98%, 85%
CMY	0.1490, 0.0196, 0.1529
CMYK	0.13, 0.00, 0.14, 0.02
HSL	118°, 77%, 91%
HSV	118°, 14%, 98%
XYZ	75.1955, 88.0808, 78.0038
YIQ	236.2570, -8.7540, -17.5700

Conversions

Conversions Part 2

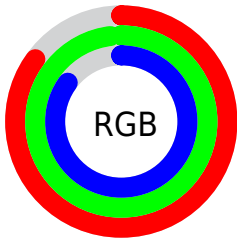
Format	Color
R _Y B	216, 250, 249
Decimal	14285528
CIE Lab	95.19, -16.85, 12.76
CIE LCh	95, 21.135, 142.867
Yxy	88.0808, 0.3117, 0.3651
Android (android.graphics.Color)	4292475608 (0xFFD9FAD8)
YUV	236.2570, -9.9867, -16.8884
Hunter-Lab	93.8514, -21.2223, 16.4176

Details

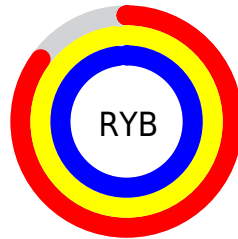
The XYZ color **75.1955, 88.0808, 78.0038** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.8817, 76.1561, 100.8838**, and the grayscale version is **80.0066, 84.1732, 91.6646**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4033, 48.3945, 40.9298** is the 20% darker color. If you saturate the color by 10%, you get **65.5164, 83.4390, 61.9433**, and if you desaturate by 10%, it is **86.4318, 93.4735, 96.7078**.

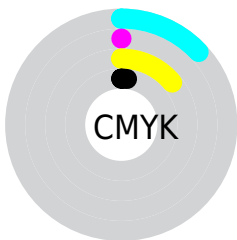
Distribution



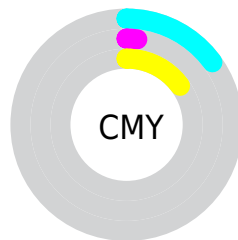
- Red (85%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (15%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1955, 88.0808, 78.0038 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.1955, 88.0808, 78.0038 by changing the saturation by 10% instead.


 75.1955, 88.0808,
78.0038

 75.1955, 88.0808,
78.0038


467.5761,
521.7678, 507.7080

 56.0678, 66.3900,
57.5606

125.5755,
144.6696, 132.3414

 40.4945, 48.5891,
41.0432

157.5585,
180.3365, 167.0729

 28.1102, 34.2936,
28.0329


194.5573,
221.4307, 207.4043

 18.5497, 23.1192,
18.1112

236.9373,
268.3369, 253.7541

 11.4474, 14.6816,
10.8596

285.0638,
321.4392, 306.5408

 6.4381, 8.5962,
5.8595

339.3022,

 3.1564, 4.4788,

381.1223, 366.1830

2.6924

400.0179,
447.7703, 433.0992

■ 1.2370, 1.9448,
0.9396

■ 0.1353, 0.5751,
0.0000

■ 75.1955, 88.0808,
78.0038

■ 75.1955, 88.0808,
78.0038

■ 65.5164, 83.4390,
61.9433

■ 86.4318, 93.4735,
96.7078

■ 57.3189, 79.5043,
48.4016

■ 93.4773, 96.8547,
108.3758

■ 50.5323, 76.2454,
37.2529

■ 45.0768, 73.6243,
28.3580

■ 40.8650, 71.5990,
21.5635

■ 37.7991, 70.1230,
16.6969

■ 35.7663, 69.1424,
13.5584

■ 34.6313, 68.5928,
11.9046

■ 34.2793, 68.4221,
11.4001

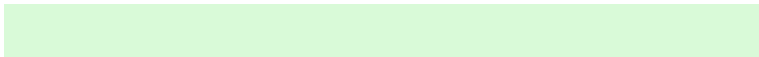
Harmonies

Analogous

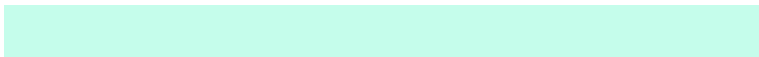
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4878, 88.0808, 69.5478



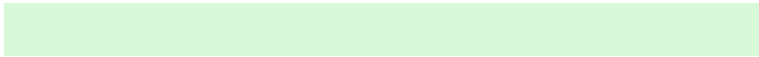
75.1955, 88.0808, 78.0038



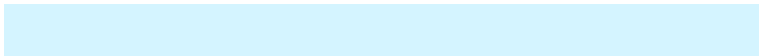
73.2027, 88.0808, 92.0201

Triad

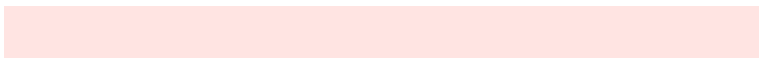
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1955, 88.0808, 78.0038



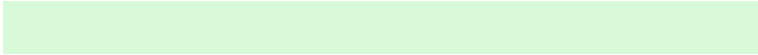
82.3504, 88.0808, 130.9459



94.3430, 88.0808, 84.1001

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.1955, 88.0808, 78.0038



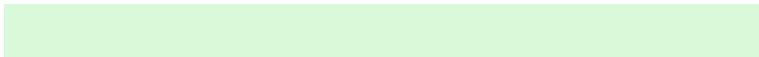
80.8817, 76.1561, 100.8838

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1953, 88.0808, 99.8977



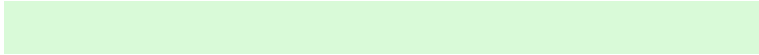
75.1955, 88.0808, 78.0038



88.0960, 88.0808, 128.1995

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



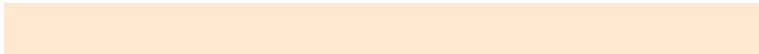
75.1955, 88.0808, 78.0038



77.2089, 88.0808, 123.4793



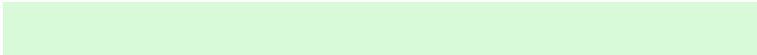
92.8616, 88.0808, 116.3547



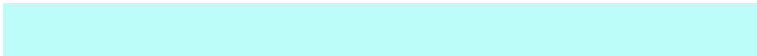
90.5833, 88.0808, 72.7755

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1955, 88.0808, 78.0038



73.3787, 88.0808, 103.1431



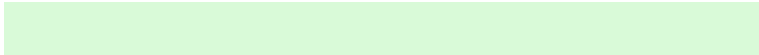
92.8616, 88.0808, 116.3547



94.9859, 88.0808, 89.0138

Sweetspot

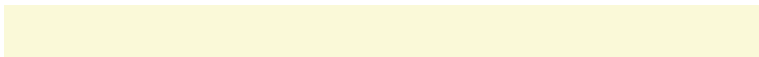
The Sweet Spot groups the original color and five complimentary colors.



75.1979, 88.0846, 78.0057



89.9019, 97.5308, 100.3132



85.6574, 92.9553, 78.3946



19.0420, 20.7793, 21.1366



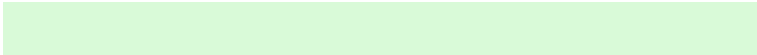
0.0000, 0.0000, 0.0000



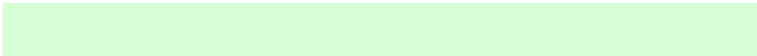
20.3446, 21.4041, 23.3091

Same Dimension

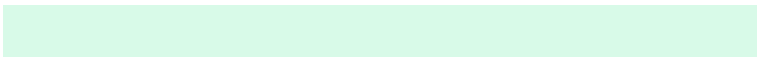
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1979, 88.0846, 78.0057



76.0648, 90.8928, 77.2874



77.0539, 88.7927, 89.3249



17.0645, 19.3335, 18.2947



18.2025, 36.3020, 6.0476



1.7020, 3.3705, 0.5609

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80.8817, 76.1561, 100.8838



82.9475, 76.4477, 104.9918



78.8537, 75.3862, 88.3403



17.9396, 17.4970, 21.8170



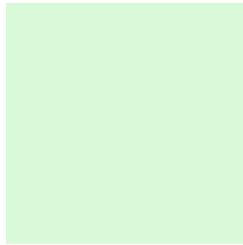
28.7180, 13.7474, 49.1135



2.6752, 1.2812, 4.5495

Previews

White Background



This preview shows how the XYZ color 75.1955, 88.0808, 78.0038 looks on a white background.

Color Contrast Check

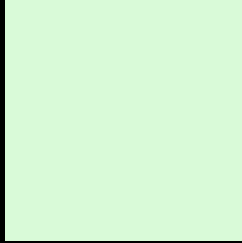
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.1955, 88.0808, 78.0038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

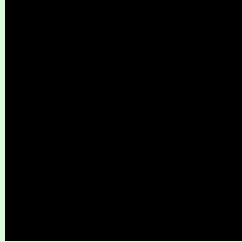
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

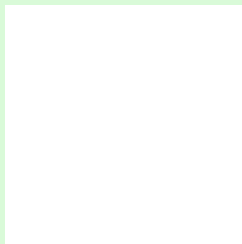
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1955, 88.0808, 78.0038

Background



This preview shows how black text looks on a background with the XYZ color 75.1955, 88.0808, 78.0038.



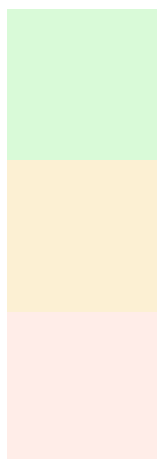
This preview shows how white text looks on a background with the XYZ color 75.1955, 88.0808,

78.0038.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.1955, 88.0808, 78.0038

Protanopia

83.0628, 87.7188, 74.1816

Deuteranopia

86.0897, 87.6546, 88.7255



Tritanopia

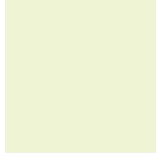
82.7571, 87.7132, 107.1763

Trichromacy



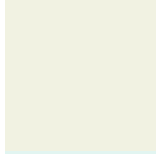
Original Color

75.1955, 88.0808, 78.0038



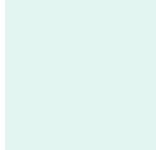
Protanomaly

79.9575, 87.8562, 75.6945



Deuteranomaly

81.7552, 87.6960, 84.5696



Tritanomaly

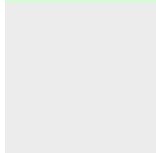
79.8936, 87.8244, 95.9601

Monochromacy



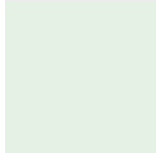
Original Color

75.1955, 88.0808, 78.0038



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.9113, 85.2258, 86.4726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1955, 88.0808, 78.0038 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 250, 216)` looks like.

```
.text, #text, p{  
    color:rgb(217, 250, 216)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 250, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 250, 216) }
```

Border

The CSS property to change the border of an element to XYZ 75.1955, 88.0808, 78.0038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 250, 216) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 250, 216) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 250, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 250, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 250, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 250,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1955, 88.0808, 78.0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 250, 216) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
250, 216) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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