

Converting Colors

XYZ(82.0379, 103.2467,
80.9198)

Have a look what the booklet for
XYZ(82.0379, 103.2467, 80.9198)
contains.

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Color

**XYZ(75.7250, 90.6759,
79.1567)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FFD9
RGB	213, 255, 217
RGB Percent	84%, 100%, 85%
CMY	0.1647, 0.0000, 0.1490
CMYK	0.16, 0.00, 0.15, 0.00
HSL	126°, 100%, 92%
HSV	126°, 16%, 100%
XYZ	75.7250, 90.6759, 79.1567
YIQ	238.1100, -12.8340, -20.7220

Conversions

Conversions Part 2

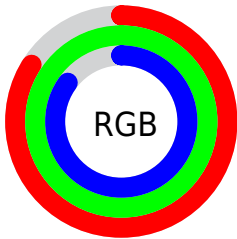
Format	Color
R_{YB}	213, 251, 255
Decimal	14024665
CIE _{Lab}	96.28, -20.43, 13.75
CIE _{LCh}	96, 24.622, 146.064
Yxy	90.6759, 0.3084, 0.3693
Android (android.graphics.Color)	4292214745 (0xFFD5FFD9)
YUV	238.1100, -10.4072, -22.0215
Hunter-Lab	95.2239, -24.6931, 17.3708

Details

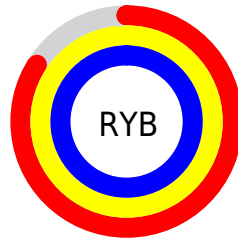
The XYZ color **75.7250, 90.6759, 79.1567** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.4472, 75.8144, 101.5547**, and the grayscale version is **81.4380, 85.6791, 93.3045**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8162, 50.2659, 41.7335** is the 20% darker color. If you saturate the color by 10%, you get **66.1063, 86.0401, 64.1215**, and if you desaturate by 10%, it is **86.9276, 96.0797, 96.4587**.

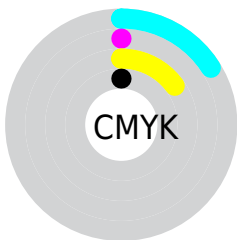
Distribution



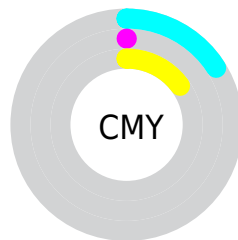
- Red (84%)
- Green (100%)
- Blue (85%)



- Red (84%)
- Yellow (98%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7250, 90.6759, 79.1567 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 75.7250, 90.6759, 79.1567 by changing the saturation by 10% instead.

75.7250, 90.6759,
79.1567

75.7250, 90.6759,
79.1567

469.3647,
530.2271, 511.7179

56.5033, 68.5414,
58.5026

126.3205,
148.2769, 133.9801

40.8452, 50.3383,
41.7955

158.4251,
184.5121, 168.9865

28.3853, 35.6823,
28.6168

195.5546,
226.2164, 209.6140

18.7582, 24.1889,
18.5480

238.0745,
273.7741, 256.2812

11.5987, 15.4738,
11.1707

286.3501,
327.5697, 309.4067

6.5413, 9.1526,
6.0661

340.7468,

3.2207, 4.8408,

387.9874, 369.4089

2.8159

401.6298,
455.4117, 436.7065

■ 1.2715, 2.1542,
1.0014

■ 0.1617, 0.6948,
0.0000

■ 75.7250, 90.6759,
79.1567

■ 75.7250, 90.6759,
79.1567

■ 66.1063, 86.0401,
64.1215

■ 86.9276, 96.0797,
96.4587

■ 57.9980, 82.1365,
51.2551

95.0500, 100.0000,
108.9000

■ 51.3236, 78.9278,
40.4589

■ 45.9994, 76.3731,
31.6246

■ 41.9328, 74.4272,
24.6344

■ 39.0194, 73.0391,
19.3578

■ 37.1381, 72.1494,
15.6470

■ 36.1393, 71.6847,
13.3294

■ 35.9279, 71.5872,
12.8041

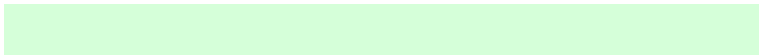
Harmonies

Analogous

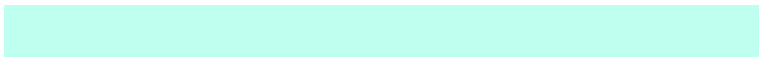
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5331, 90.6759, 68.6076



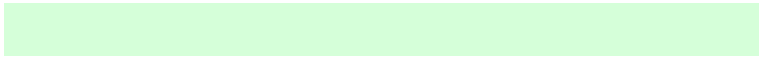
75.7250, 90.6759, 79.1567



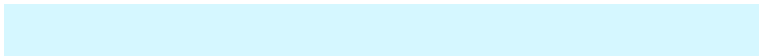
73.7159, 90.6759, 96.1672

Triad

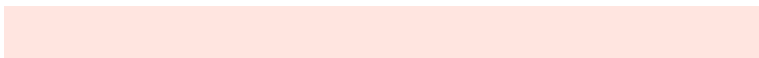
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7250, 90.6759, 79.1567



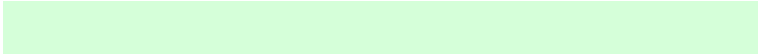
85.2849, 90.6759, 141.2868



98.5499, 90.6759, 83.0854

Complementary

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



75.7250, 90.6759, 79.1567



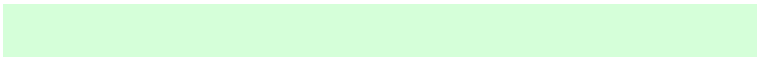
82.4472, 75.8144, 101.5547

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.



99.9858, 90.6759, 101.3392



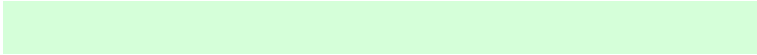
75.7250, 90.6759, 79.1567



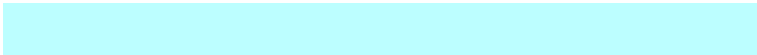
92.0947, 90.6759, 136.5874

Square

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



75.7250, 90.6759, 79.1567



79.0476, 90.6759, 133.4018



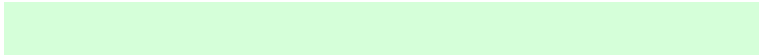
97.5658, 90.6759, 121.2915



93.7391, 90.6759, 70.6564

Rectangle

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



75.7250, 90.6759, 79.1567



74.1517, 90.6759, 109.5267



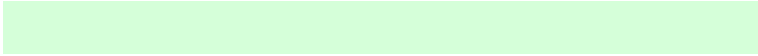
97.5658, 90.6759, 121.2915



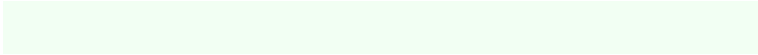
99.4538, 90.6759, 88.6684

Sweetspot

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



75.7257, 90.6762, 79.1581



88.7117, 96.9407, 99.1980



87.7345, 96.9264, 77.0365



18.8045, 20.6607, 20.9508



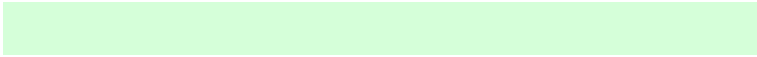
0.0000, 0.0000, 0.0000



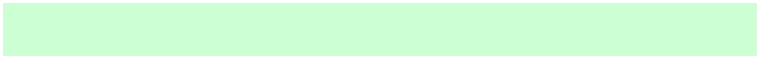
20.3446, 21.4041, 23.3091

Same Dimension

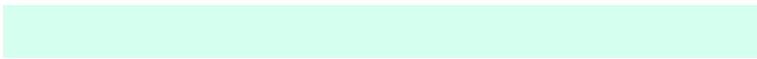
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7257, 90.6762, 79.1581



72.1529, 88.9538, 73.5962



78.5604, 91.8101, 94.0854



17.8418, 20.1963, 19.4701



18.7963, 37.4151, 6.8128



1.8526, 3.6520, 0.7816

Inverse Universe

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



82.4472, 75.8144, 101.5547



80.1105, 71.3568, 100.1104



79.3881, 74.5907, 85.4455



18.7137, 18.2688, 22.3753



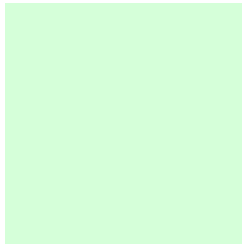
29.0949, 14.1272, 40.7455



2.8537, 1.3838, 4.0768

Previews

White Background



This preview shows how the XYZ color 75.7250, 90.6759, 79.1567 looks on a white background.

Color Contrast Check

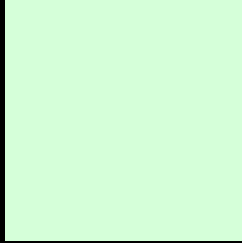
Large Text (above 18pt) WCAG AA × Fail

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 75.7250, 90.6759, 79.1567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

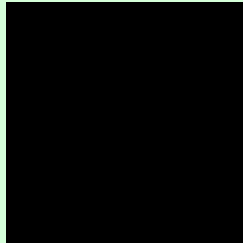
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

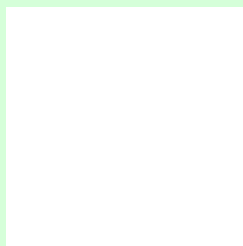
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7250, 90.6759, 79.1567

Background



This preview shows how black text looks on a background with the XYZ color 75.7250, 90.6759, 79.1567.



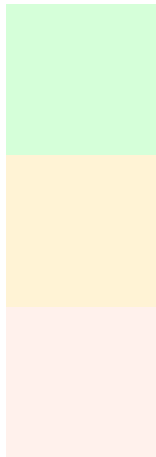
This preview shows how white text looks on a background with the XYZ color 75.7250, 90.6759,

79.1567.

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

75.7250, 90.6759, 79.1567

Protanopia

85.3008, 90.1653, 75.8586

Deuteranopia

87.8356, 90.2267, 92.1429



Tritanopia

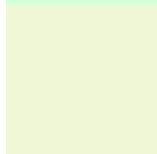
84.9375, 90.6240, 107.6232

Trichromacy



Original Color

75.7250, 90.6759, 79.1567



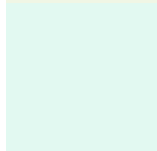
Protanomaly

81.3335, 89.9018, 76.6844



Deuteranomaly

83.0338, 90.0939, 87.1423



Tritanomaly

81.1169, 90.2710, 96.3678

Monochromacy



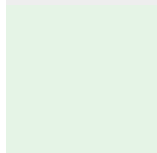
Original Color

75.7250, 90.6759, 79.1567



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.9467, 87.0726, 87.5087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7250, 90.6759, 79.1567 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(213, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 217)  
}
```

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(213, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 75.7250, 90.6759, 79.1567 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(213, 255, 217) }
```


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

```
.border{ border-color:rgb(213, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7250, 90.6759, 79.1567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 217) }
```

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

```
.background{ background-color: rgb(213,  
255, 217) }
```

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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