

Converting Colors

XYZ(75.5438, 85.3233, 87.3442)

Have a look what the booklet for
XYZ(75.5438, 85.3233, 87.3442)
contains.

XYZ(75.5471, 85.3200, 87.3496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.5471, 85.3200,
87.3496)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF4E6
RGB	218, 244, 230
RGB Percent	85%, 96%, 90%
CMY	0.1451, 0.0431, 0.0980
CMYK	0.11, 0.00, 0.06, 0.04
HSL	148°, 54%, 91%
HSV	148°, 11%, 96%
XYZ	75.5471, 85.3200, 87.3496
YIQ	234.6300, -11.0020, -9.8660

Conversions

Conversions Part 2

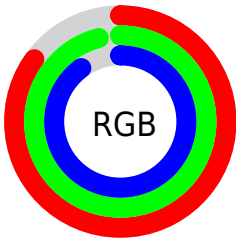
Format	Color
R _{YB}	218, 236, 244
Decimal	14349542
CIE _{Lab}	94.02, -11.07, 3.85
CIE _{LCh}	94, 11.721, 160.799
Y _{xy}	85.3200, 0.3044, 0.3437
Android (android.graphics.Color)	4292539622 (0xFFDAF4E6)
YUV	234.6300, -2.2826, -14.5845
Hunter-Lab	92.3688, -15.6529, 8.5899

Details

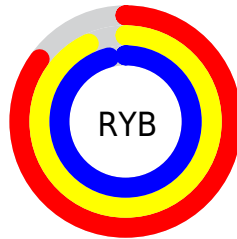
The XYZ color **75.5471, 85.3200, 87.3496** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.9482, 75.2043, 86.8082**, and the grayscale version is **78.7092, 82.8082, 90.1781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8253, 46.8481, 47.4483** is the 20% darker color. If you saturate the color by 10%, you get **67.0046, 81.1238, 77.6782**, and if you desaturate by 10%, it is **85.3077, 90.1328, 97.8078**.

Distribution



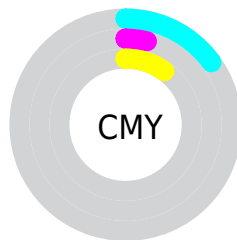
- Red (85%)
- Green (96%)
- Blue (90%)



- Red (85%)
- Yellow (93%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5471, 85.3200, 87.3496 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 75.5471, 85.3200, 87.3496 by changing the saturation by 10% instead.

75.5471, 85.3200,
87.3496

75.5471, 85.3200,
87.3496

468.7642,
512.6863, 539.7170

56.3570, 64.1058,
65.2233

126.0703,
140.8202, 145.5545

40.7273, 46.7364,
47.1897

158.1340,
175.8750, 182.4701

28.2928, 32.8273,
32.8302

195.2197,
216.3121, 225.1526

18.6881, 21.9942,
21.7263

237.6926,
262.5159, 274.0206

11.5478, 13.8526,
13.4596

285.9182,
314.8709, 329.4924

6.5065, 8.0182,
7.6113

340.2617,

3.1990, 4.1066,

373.7613, 391.9867

3.7631

401.0886,
439.5717, 461.9221

■ 1.2599, 1.7334,
1.4963

■ 0.1529, 0.4451,
0.2152

■ 75.5471, 85.3200,
87.3496

■ 75.5471, 85.3200,
87.3496

■ 67.0046, 81.1238,
77.6782

■ 85.3077, 90.1328,
97.8078

■ 59.6233, 77.5081,
68.7697

■ 91.6423, 93.1846,
107.7641

■ 53.3521, 74.4494,
60.6070

■ 48.1334, 71.9183,
53.1703

■ 43.9041, 69.8826,
46.4390

■ 40.5939, 68.3065,
40.3913

■ 38.1226, 67.1492,
35.0041

■ 36.3950, 66.3620,
30.2526

■ 35.3106, 65.8879,
26.3623

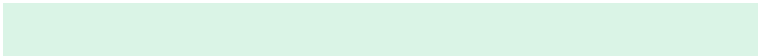
Harmonies

Analogous

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



77.2283, 85.3200, 80.4629



75.5471, 85.3200, 87.3496



75.3298, 85.3200, 96.1630

Triad

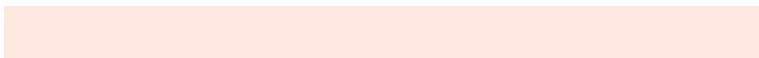
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5471, 85.3200, 87.3496



82.2259, 85.3200, 110.8624



85.7317, 85.3200, 82.0950

Complementary

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



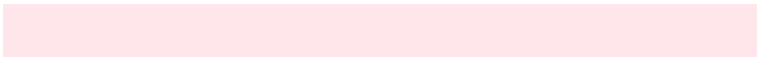
75.5471, 85.3200, 87.3496



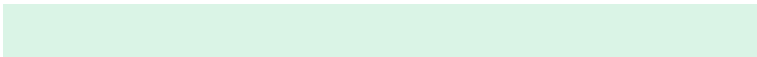
76.9482, 75.2043, 86.8082

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.



87.1452, 85.3200, 89.7097



75.5471, 85.3200, 87.3496



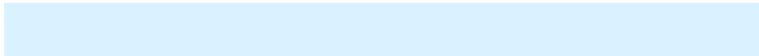
85.0868, 85.3200, 106.5546

Square

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



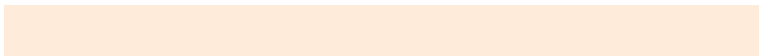
75.5471, 85.3200, 87.3496



79.1325, 85.3200, 110.1293



86.9062, 85.3200, 98.6785



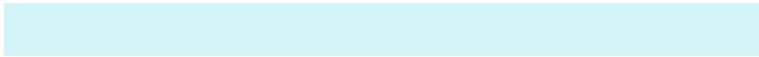
83.0878, 85.3200, 77.5667

Rectangle

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



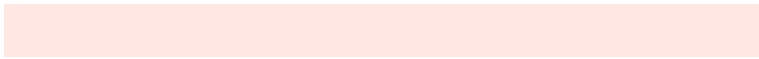
75.5471, 85.3200, 87.3496



76.0380, 85.3200, 101.9984



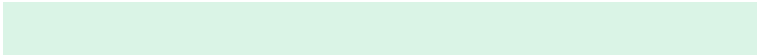
86.9062, 85.3200, 98.6785



86.3695, 85.3200, 84.3575

Sweetspot

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



75.5495, 85.3236, 87.3515



91.6350, 98.3153, 105.3149



78.3849, 86.9734, 78.9871



19.4229, 20.9494, 22.3395



0.0000, 0.0000, 0.0000



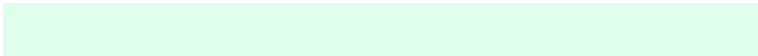
20.3446, 21.4041, 23.3091

Same Dimension

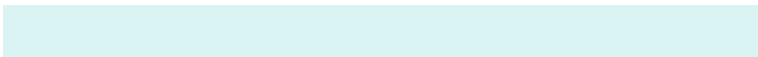
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5495, 85.3236, 87.3515



81.1460, 93.1490, 93.9368



77.3995, 86.0636, 97.0934



16.6003, 18.5993, 19.1797



19.2664, 35.8514, 14.6883



1.7446, 3.1715, 1.5611

Inverse Universe

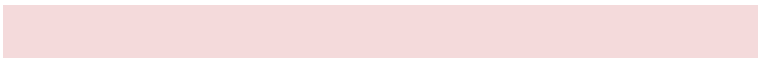
The Inverse Universe completely reimagines the original color for something new.



76.9482, 75.2043, 86.8082



83.0054, 79.6965, 93.2144



75.2080, 74.5082, 77.6441



16.8723, 16.6318, 19.0741



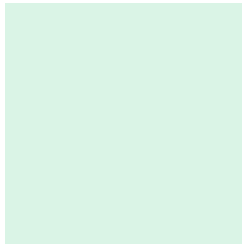
22.5984, 11.3828, 13.1253



2.0381, 1.0212, 1.4268

Previews

White Background



This preview shows how the XYZ color 75.5471, 85.3200, 87.3496 looks on a white background.

Color Contrast Check

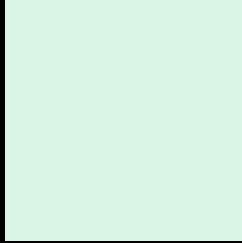
Large Text (above 18pt) WCAG AA × Fail

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 75.5471, 85.3200, 87.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

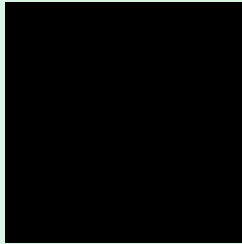
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

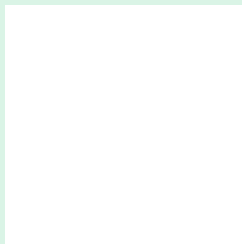
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5471, 85.3200, 87.3496

Background



This preview shows how black text looks on a background with the XYZ color 75.5471, 85.3200, 87.3496.



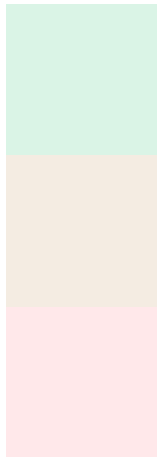
This preview shows how white text looks on a background with the XYZ color 75.5471, 85.3200,

87.3496.

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

75.5471, 85.3200, 87.3496

Protanopia

81.0311, 84.7150, 84.0323

Deuteranopia

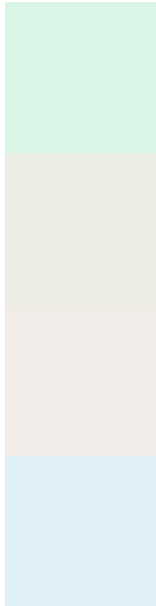
84.9479, 84.9137, 89.7547



Tritanopia

80.2805, 85.1218, 106.8066

Trichromacy



Original Color

75.5471, 85.3200, 87.3496

Protanomaly

78.9926, 84.9412, 84.9050

Deuteranomaly

81.3214, 84.7513, 89.1633

Tritanomaly

78.5213, 85.2524, 99.5056

Monochromacy



Original Color

75.5471, 85.3200, 87.3496

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.5956, 83.6903, 89.1549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5471, 85.3200, 87.3496 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(218, 244, 230)` looks like.

```
.text, #text, p{  
    color:rgb(218, 244, 230)  
}
```

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(218, 244, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 244, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.5471, 85.3200, 87.3496 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(218, 244, 230) }
```


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

```
.border{ border-color:rgb(218, 244, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 244, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 244, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 244, 230);  
box-shadow:4px 4px 4px 4px rgb(218, 244,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5471, 85.3200, 87.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 244, 230) }
```

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

```
.background{ background-color: rgb(218,  
244, 230) }
```

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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