

Converting Colors

XYZ(75.0244, 84.6495, 98.4072)

Have a look what the booklet for
XYZ(75.0244, 84.6495, 98.4072)
contains.

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Color

**XYZ(75.1266, 84.8492,
98.8042)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F4F5
RGB	209, 244, 245
RGB Percent	82%, 96%, 96%
CMY	0.1804, 0.0431, 0.0392
CMYK	0.15, 0.00, 0.00, 0.04
HSL	182°, 64%, 89%
HSV	182°, 15%, 96%
XYZ	75.1266, 84.8492, 98.8042
YIQ	233.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

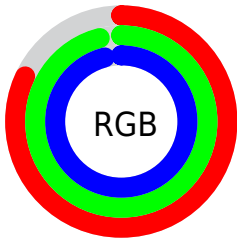
Format	Color
R _Y B	209, 227, 245
Decimal	13759733
CIE Lab	93.82, -11.06, -4.29
CIE LCh	94, 11.858, 201.192
Yxy	84.8492, 0.2903, 0.3279
Android (android.graphics.Color)	4291949813 (0xFFD1F4F5)
YUV	233.6490, 5.5960, -21.6172
Hunter-Lab	92.1136, -15.6167, 0.8831

Details

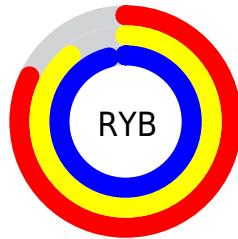
The XYZ color **75.1266, 84.8492, 98.8042** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.2121, 70.1091, 70.0495**, and the grayscale version is **77.9139, 81.9715, 89.2669**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4950, 46.5106, 54.9872** is the 20% darker color. If you saturate the color by 10%, you get **68.5178, 81.1420, 98.4383**, and if you desaturate by 10%, it is **82.8070, 89.1144, 99.2240**.

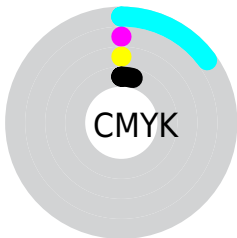
Distribution



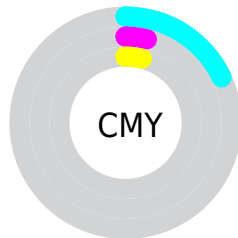
- Red (82%)
- Green (96%)
- Blue (96%)



- Red (82%)
- Yellow (89%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1266, 84.8492, 98.8042 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 75.1266, 84.8492, 98.8042 by changing the saturation by 10% instead.

75.1266, 84.8492,
98.8042

75.1266, 84.8492,
98.8042

467.3431,
511.1289, 577.5659

56.0112, 63.7168,
74.6909

125.4785,
140.1625, 161.5504

40.4489, 46.4213,
54.8595

157.4457,
175.1121, 201.0205

28.0745, 32.5784,
38.8914

194.4275,
215.4363, 246.4465

18.5226, 21.8037,
26.3681

236.7892,
261.5194, 298.2471

11.4278, 13.7127,
16.8710

284.8963,
313.7458, 356.8408

6.4247, 7.9211,
9.9816

339.1141,

3.1481, 4.0445,

372.4999, 422.6462

5.2813

399.8079,
438.1662, 496.0817

■ 1.2326, 1.6985,
2.3516

■ 0.1319, 0.4227,
0.7599

■ 75.1266, 84.8492,
98.8042

■ 75.1266, 84.8492,
98.8042

■ 68.5178, 81.1420,
98.4383

■ 82.8070, 89.1144,
99.2240

■ 62.9247, 77.9574,
98.1184

■ 90.4837, 93.3766,
99.6421

■ 58.2975, 75.2717,
97.8439

■ 90.6897, 93.7886,
99.7108

■ 54.5791, 73.0557,
97.6121

■ 90.8964, 94.2021,
99.7797

■ 51.7067, 71.2769,
97.4202

■ 91.1039, 94.6172,
99.8489

■ 49.6093, 69.8987,
97.2647

■ 91.3122, 95.0337,
99.9183

■ 48.2044, 68.8787,
97.1419

■ 91.5212, 95.4518,
99.9880

■ 47.3908, 68.1646,
97.0469

■ 91.7310, 95.8713,
100.0579

■ 47.1198, 67.8689,
97.0041

■ 91.9416, 96.2924,
100.1281

Harmonies

Analogous

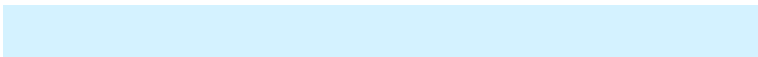
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8043, 84.8492, 89.7538



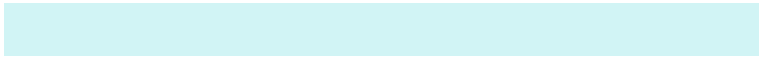
75.1266, 84.8492, 98.8042



76.9075, 84.8492, 106.5833

Triad

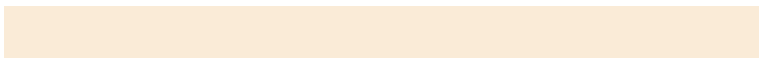
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1266, 84.8492, 98.8042



85.4623, 84.8492, 103.6973



81.5783, 84.8492, 76.2729

Complementary

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



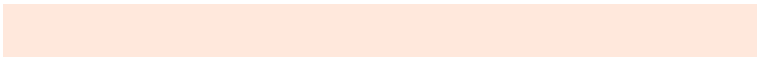
75.1266, 84.8492, 98.8042



72.2121, 70.1091, 70.0495

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.



84.5050, 84.8492, 79.5097



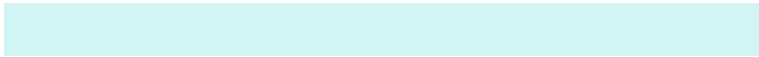
75.1266, 84.8492, 98.8042



86.7855, 84.8492, 95.0699

Square

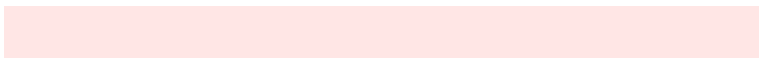
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1266, 84.8492, 98.8042



82.8575, 84.8492, 109.5338



86.4306, 84.8492, 86.2526



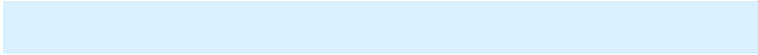
78.4754, 84.8492, 77.1290

Rectangle

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



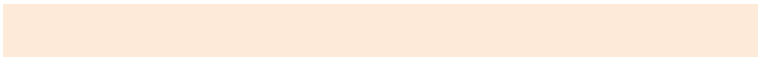
75.1266, 84.8492, 98.8042



78.7083, 84.8492, 109.8107



86.4306, 84.8492, 86.2526



82.6165, 84.8492, 76.9102

Sweetspot

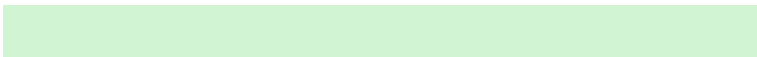
The Sweet Spot groups the original color and five complimentary colors.



75.1291, 84.8527, 98.8061



91.3064, 97.9365, 108.6990



70.5315, 83.4949, 73.1121



19.3974, 20.8818, 23.2582



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.



75.1291, 84.8527, 98.8061



79.7287, 91.5017, 108.0672



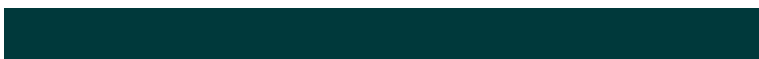
70.0827, 74.7600, 97.1240



16.9551, 18.6744, 21.2535



25.4019, 36.5976, 52.2633



2.2448, 3.2410, 4.5975

Inverse Universe

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



76.7877, 71.5468, 95.3547



81.9110, 74.0484, 103.5143



76.7998, 79.2844, 71.5788



17.1926, 16.7599, 20.7610



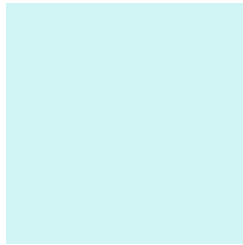
28.6262, 13.7939, 44.8676



2.5221, 1.2148, 3.9759

Previews

White Background



This preview shows how the XYZ color 75.1266, 84.8492, 98.8042 looks on a white background.

Color Contrast Check

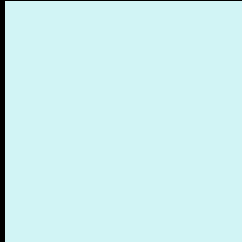
Large Text (above 18pt) WCAG AA × Fail

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 75.1266, 84.8492, 98.8042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

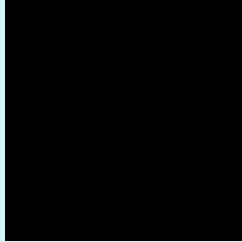
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

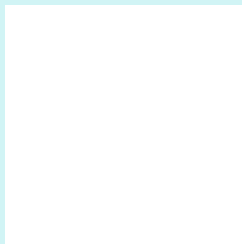
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1266, 84.8492, 98.8042

Background



This preview shows how black text looks on a background with the XYZ color 75.1266, 84.8492, 98.8042.



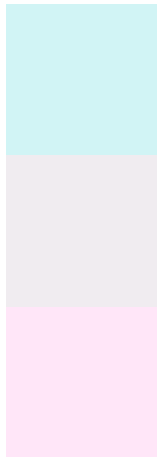
This preview shows how white text looks on a background with the XYZ color 75.1266, 84.8492,

98.8042.

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

75.1266, 84.8492, 98.8042

Protanopia

81.6588, 84.8074, 94.5037

Deuteranopia

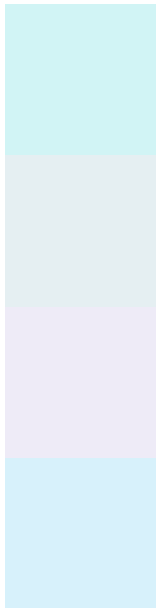
86.4801, 84.6309, 100.5843



Tritanopia

78.4235, 84.6002, 106.8039

Trichromacy



Original Color

75.1266, 84.8492, 98.8042

Protanomaly

79.2066, 84.8018, 96.1982

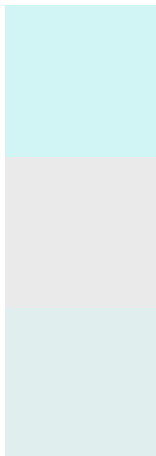
Deuteranomaly

81.7567, 84.3092, 99.9599

Tritanomaly

76.8922, 84.3227, 103.4900

Monochromacy



Original Color

75.1266, 84.8492, 98.8042

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.0585, 83.3297, 92.9117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1266, 84.8492, 98.8042 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(209, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(209, 244, 245)  
}
```

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(209, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 244, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.1266, 84.8492, 98.8042 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(209, 244, 245) }
```


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

```
.border{ border-color:rgb(209, 244, 245) }
```

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

Here you see how a box with a 4 pixel rgb(209, 244, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(209, 244,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1266, 84.8492, 98.8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 244, 245) }
```

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

```
.background{ background-color: rgb(209,  
244, 245) }
```

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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