

Converting Colors

XYZ(71.8798, 84.0877, 97.8260)

Have a look what the booklet for
XYZ(71.8798, 84.0877, 97.8260)
contains.

XYZ(72.0499, 84.1790, 98.0387)	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(72.0499, 84.1790,
98.0387)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F6F4
RGB	196, 246, 244
RGB Percent	77%, 96%, 96%
CMY	0.2314, 0.0353, 0.0431
CMYK	0.20, 0.00, 0.01, 0.04
HSL	178°, 74%, 87%
HSV	178°, 20%, 96%
XYZ	72.0499, 84.1790, 98.0387
YIQ	230.8220, -29.1580, -11.2220

Conversions

Conversions Part 2

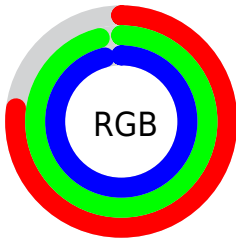
Format	Color
RYB	196, 222, 246
Decimal	12908276
CIELab	93.53, -16.21, -4.29
CIElCh	94, 16.763, 194.811
Yxy	84.1790, 0.2834, 0.3311
Android (android.graphics.Color)	4291098356 (0xFFC4F6F4)
YUV	230.8220, 6.4968, -30.5389
Hunter-Lab	91.7491, -20.3862, 0.8699

Details

The XYZ color **72.0499, 84.1790, 98.0387** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.9421, 63.1523, 62.0384**, and the grayscale version is **75.7941, 79.7413, 86.8382**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **38.4751, 46.1205, 54.4512** is the 20% darker color. If you saturate the color by 10%, you get **66.0197, 81.0898, 96.9791**, and if you desaturate by 10%, it is **79.1349, 87.8163, 99.1554**.

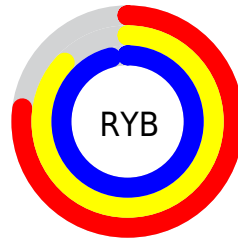
Distribution



Red (77%)

Green (96%)

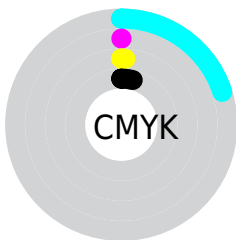
Blue (96%)



Red (77%)

Yellow (87%)

Blue (96%)

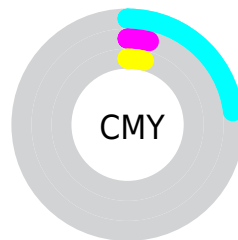


Cyan (20%)

Magenta (0%)

Yellow (1%)

Black (4%)



Cyan (23%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0499, 84.1790, 98.0387 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 72.0499, 84.1790, 98.0387 by changing the saturation by 10% instead.

72.0499, 84.1790,
98.0387

72.0499, 84.1790,
98.0387

456.8702,
508.9075, 575.0790

53.4850, 63.1632,
74.0559

121.1379,
139.2255, 160.4876

38.4192, 45.9733,
54.3427

152.3917,
174.0251, 199.7907

26.4869, 32.2247,
38.4807

188.6060,
214.1881, 245.0377

17.3228, 21.5332,
26.0512

230.1459,
260.0988, 296.6470

10.5616, 13.5143,
16.6359

277.3770,
312.1417, 355.0373

5.8380, 7.7837,
9.8160

330.6645,

2.7865, 3.9568,

370.7012, 420.6270

5.1731

390.3738,
436.1616, 493.8347

■ 1.0419, 1.6494,
2.2887

■ 0.0000, 0.3906,
0.7249

■ 72.0499, 84.1790,
98.0387

■ 72.0499, 84.1790,
98.0387

■ 66.0197, 81.0898,
96.9791

■ 79.1349, 87.8163,
99.1554

■ 60.9860, 78.5119,
95.9685

■ 87.3150, 92.0159,
100.3258

■ 56.8958, 76.4204,
95.0062

■ 90.9794, 93.8874,
101.2890

■ 53.6883, 74.7839,
94.0894

■ 91.1319, 93.9484,
102.0921

■ 51.2959, 73.5674,
93.2149

■ 91.2852, 94.0097,
102.8994

■ 49.6407, 72.7309,
92.3791

■ 91.4393, 94.0714,
103.7110

■ 48.6303, 72.2267,
91.5775

■ 91.5942, 94.1333,
104.5268

■ 48.1193, 71.9794,
90.8278

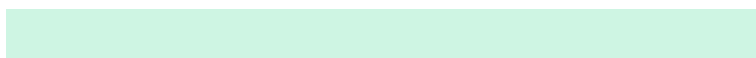
■ 91.7500, 94.1956,
105.3469

■ 91.9065, 94.2583,
106.1712

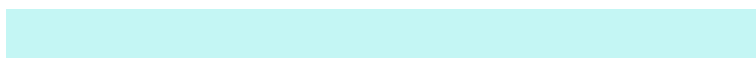
Harmonies

Analogous

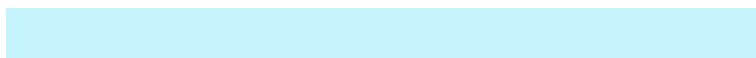
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0635, 84.1790, 85.4093



72.0499, 84.1790, 98.0387



74.1145, 84.1790, 109.9571

Triad

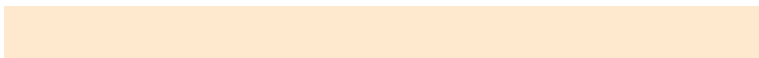
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0499, 84.1790, 98.0387



86.1676, 84.1790, 110.0856



82.2634, 84.1790, 70.0617

Complementary

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



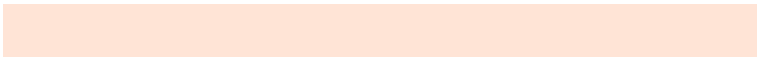
72.0499, 84.1790, 98.0387



67.9421, 63.1523, 62.0384

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.



86.2093, 84.1790, 75.5084



72.0499, 84.1790, 98.0387



88.5194, 84.1790, 98.2014

Square

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



72.0499, 84.1790, 98.0387



82.2081, 84.1790, 117.3363



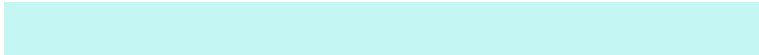
88.5350, 84.1790, 85.5577



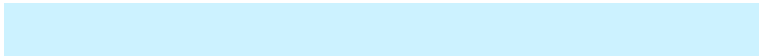
77.8507, 84.1790, 70.0269

Rectangle

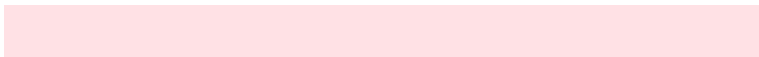
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



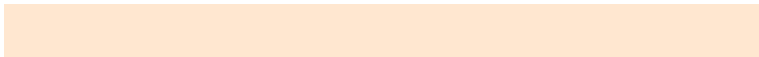
72.0499, 84.1790, 98.0387



76.4370, 84.1790, 115.5650



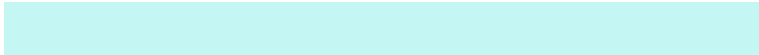
88.5350, 84.1790, 85.5577



83.6919, 84.1790, 71.2964

Sweetspot

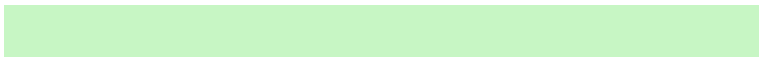
The Sweet Spot groups the original color and five complimentary colors.



72.0523, 84.1825, 98.0406



89.5449, 97.1734, 108.1280



66.3429, 81.9744, 64.5522



19.0437, 20.7362, 23.1261



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

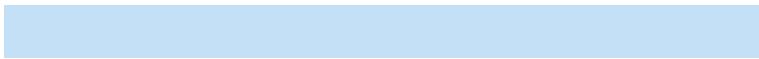
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0523, 84.1825, 98.0406



75.6145, 90.0260, 105.9430



65.9235, 71.4353, 97.5066



16.9663, 18.7457, 21.1071



25.6961, 38.4233, 48.5469



2.2672, 3.3805, 4.3130

Inverse Universe

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



67.9421, 63.1523, 62.0384



70.4798, 63.7516, 60.9656



73.1741, 73.9839, 62.6498



16.5260, 16.4933, 17.2507



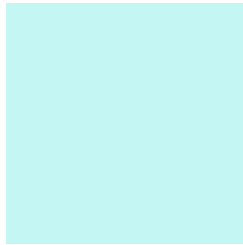
20.3270, 10.4742, 1.1645



1.7958, 0.9243, 0.1512

Previews

White Background



This preview shows how the XYZ color 72.0499, 84.1790, 98.0387 looks on a white background.

Color Contrast Check

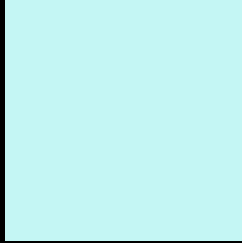
Large Text (above 18pt) WCAG AA × Fail

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 72.0499, 84.1790, 98.0387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

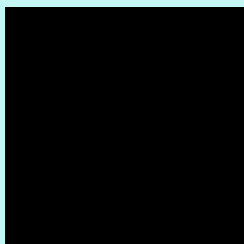
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

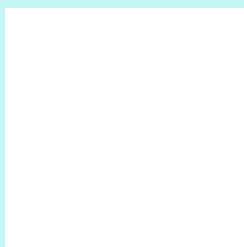
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0499, 84.1790, 98.0387

Background



This preview shows how black text looks on a background with the XYZ color 72.0499, 84.1790, 98.0387.

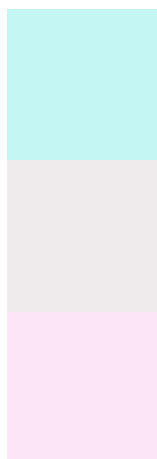


This preview shows how white text looks on a background with the XYZ color 72.0499, 84.1790,

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

72.0499, 84.1790, 98.0387

Protanopia

80.5910, 83.8818, 92.0640

Deuteranopia

85.4706, 83.6986, 100.4576



Tritanopia

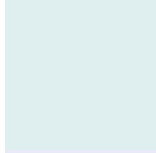
76.3693, 83.9795, 106.7923

Trichromacy



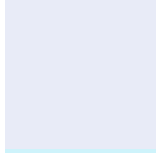
Original Color

72.0499, 84.1790, 98.0387



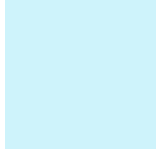
Protanomaly

77.0261, 83.7122, 94.5364



Deuteranomaly

79.7755, 83.2879, 99.8672



Tritanomaly

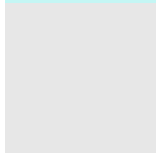
74.9168, 84.1880, 103.5682

Monochromacy



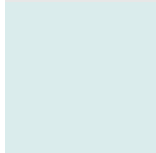
Original Color

72.0499, 84.1790, 98.0387



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

74.0492, 80.9525, 91.0795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0499, 84.1790, 98.0387 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(196, 246, 244)` looks like.

```
.text, #text, p{  
    color:rgb(196, 246, 244)  
}
```

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(196, 246, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 246, 244) }
```

Border

The CSS property to change the border of an element to XYZ 72.0499, 84.1790, 98.0387 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(196, 246, 244) }
```


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

```
.border{ border-color:rgb(196, 246, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 246, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 246, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 246, 244);  
box-shadow:4px 4px 4px 4px rgb(196, 246,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0499, 84.1790, 98.0387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 246, 244) }
```

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

```
.background{ background-color: rgb(196,  
246, 244) }
```

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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