

Converting Colors

XYZ(73.8567, 84.2122, 97.9499)

Have a look what the booklet for
XYZ(73.8567, 84.2122, 97.9499)
contains.

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Color

**XYZ(73.8567, 84.2122,
97.9499)**

Conversions

Conversions Part 1

Format	Color
Hex	CDF4F4
RGB	205, 244, 244
RGB Percent	80%, 96%, 96%
CMY	0.1961, 0.0431, 0.0431
CMYK	0.16, 0.00, 0.00, 0.04
HSL	180°, 64%, 88%
HSV	180°, 16%, 96%
XYZ	73.8567, 84.2122, 97.9499
YIQ	232.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

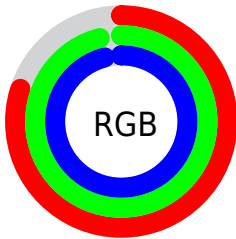
Format	Color
R _Y B	205, 225, 244
Decimal	13497588
CIE Lab	93.54, -12.49, -4.20
CIE LCh	94, 13.176, 198.597
Yxy	84.2122, 0.2885, 0.3289
Android (android.graphics.Color)	4291687668 (0xFFCDF4F4)
YUV	232.3390, 5.7489, -23.9763
Hunter-Lab	91.7672, -16.9310, 0.9525

Details

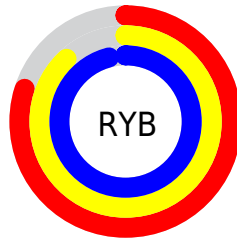
The XYZ color **73.8567, 84.2122, 97.9499** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.1621, 67.3059, 67.0547**, and the grayscale version is **76.9284, 80.9347, 88.1379**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6380, 46.0813, 54.3824** is the 20% darker color. If you saturate the color by 10%, you get **67.6441, 81.0118, 97.6593**, and if you desaturate by 10%, it is **81.1238, 87.9607, 98.2934**.

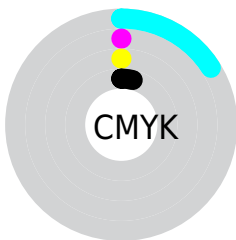
Distribution



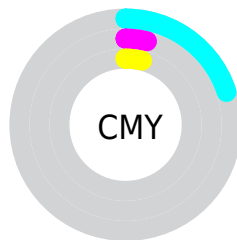
- Red (80%)
- Green (96%)
- Blue (96%)



- Red (80%)
- Yellow (88%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8567, 84.2122, 97.9499 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 73.8567, 84.2122, 97.9499 by changing the saturation by 10% instead.

73.8567, 84.2122,
97.9499

73.8567, 84.2122,
97.9499

463.0366,
509.0176, 574.7901

54.9676, 63.1906,
73.9822

123.6892,
139.2720, 160.3642

39.6095, 45.9955,
54.2828

155.3634,
174.0790, 199.6480

27.4171, 32.2422,
38.4331

192.0300,
214.2499, 244.8741

18.0249, 21.5466,
26.0145

234.0544,
260.1692, 296.4612

11.0677, 13.5241,
16.6087

281.8019,
312.2212, 354.8278

6.1800, 7.7904,
9.7969

335.6378,

2.9965, 3.9611,

370.7904, 420.3925

5.1606

395.9276,
436.2611, 493.5737

■ 1.1519, 1.6519,
2.2814

■ 0.0679, 0.3922,
0.7208

■ 73.8567, 84.2122,
97.9499

■ 73.8567, 84.2122,
97.9499

■ 67.6441, 81.0118,
97.6593

■ 81.1238, 87.9607,
98.2934

■ 62.4303, 78.3240,
97.4136


■ 89.4834, 92.2702,
98.6863


■ 58.1653, 76.1253,
97.2123


■ 89.9226, 92.4966,
98.7086


■ 54.7920, 74.3864,
97.0528


■ 89.9229, 92.4967,
98.7102


 52.2473, 73.0746,
96.9320


 89.9232, 92.4968,
98.7119


 50.4597, 72.1530,
96.8467


 89.9235, 92.4970,
98.7136


 49.3456, 71.5788,
96.7929

 89.9239, 92.4971,
98.7153

 48.8017, 71.2984,
96.7658

 89.9242, 92.4972,
98.7170

 48.6789, 71.2351,
96.7593

 89.9245, 92.4973,
98.7187

Harmonies

Analogous

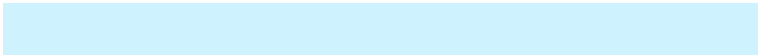
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6507, 84.2122, 87.9506



73.8567, 84.2122, 97.9499



75.6908, 84.2122, 106.8535

Triad

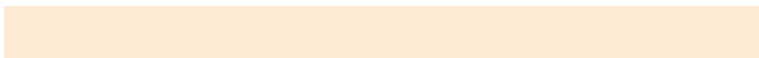
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8567, 84.2122, 97.9499



85.1732, 84.2122, 104.9793



81.3734, 84.2122, 74.1381

Complementary

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



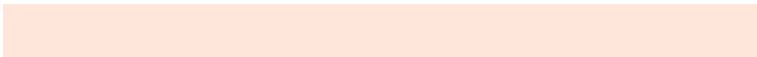
73.8567, 84.2122, 97.9499



70.1621, 67.3059, 67.0547

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.



84.5551, 84.2122, 78.0385



73.8567, 84.2122, 97.9499



86.7910, 84.2122, 95.5396

Square

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



73.8567, 84.2122, 97.9499



82.1972, 84.2122, 111.1106



86.5616, 84.2122, 85.7080



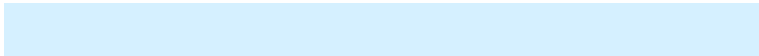
77.9232, 84.2122, 74.6802

Rectangle

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



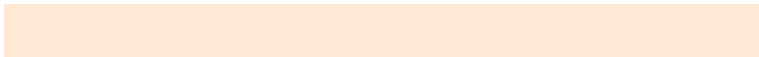
73.8567, 84.2122, 97.9499



77.6206, 84.2122, 110.7456



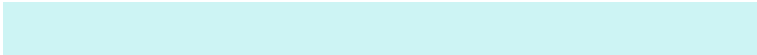
86.5616, 84.2122, 85.7080



82.5115, 84.2122, 74.9610

Sweetspot

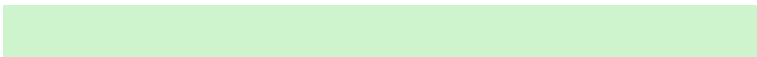
The Sweet Spot groups the original color and five complimentary colors.



73.8591, 84.2157, 97.9518



90.5136, 97.6614, 108.6868



68.7292, 82.1845, 69.9999



19.2424, 20.8359, 23.2573



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.



73.8591, 84.2157, 97.9518



79.4159, 91.9404, 108.1648



68.4742, 73.4451, 96.1594



16.9967, 18.7578, 21.2670



26.4677, 38.7319, 52.6101



2.3263, 3.4042, 4.6240

Inverse Universe

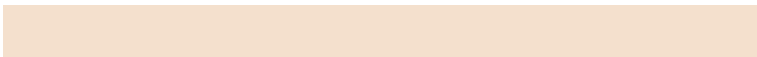
The Inverse Universe completely reimagines the original color for something new.



70.1621, 67.3059, 67.0547



74.6520, 70.1511, 68.3521



74.9461, 76.8746, 68.6474



16.4993, 16.4826, 17.1097



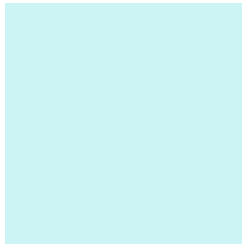
20.2863, 10.4579, 0.9498



1.7830, 0.9192, 0.0836

Previews

White Background



This preview shows how the XYZ color 73.8567, 84.2122, 97.9499 looks on a white background.

Color Contrast Check

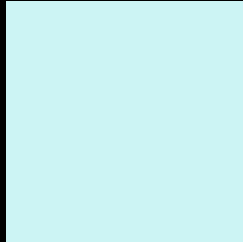
Large Text (above 18pt) WCAG AA × Fail

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 73.8567, 84.2122, 97.9499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

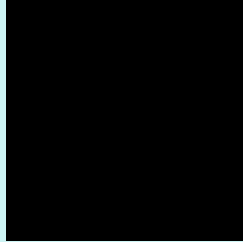
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8567, 84.2122, 97.9499

Background



This preview shows how black text looks on a background with the XYZ color 73.8567, 84.2122, 97.9499.

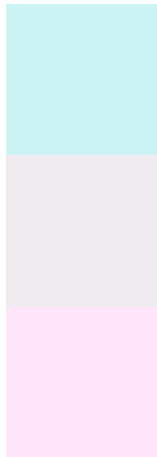


This preview shows how white text looks on a background with the XYZ color 73.8567, 84.2122,

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

73.8567, 84.2122, 97.9499

Protanopia

80.8849, 83.9994, 93.6118

Deuteranopia

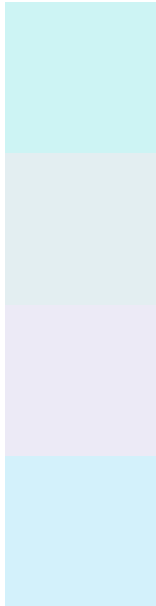
85.6809, 83.8249, 99.6596



Tritanopia

77.2344, 83.9872, 106.7482

Trichromacy



Original Color

73.8567, 84.2122, 97.9499

Protanomaly

78.1303, 83.8308, 95.2822

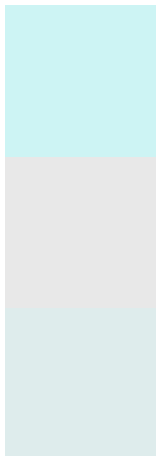
Deuteranomaly

80.6494, 83.3323, 99.0228

Tritanomaly

75.7319, 83.7245, 103.4357

Monochromacy



Original Color

73.8567, 84.2122, 97.9499

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.2600, 81.5766, 91.1361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8567, 84.2122, 97.9499 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(205, 244, 244)` looks like.

```
.text, #text, p{  
    color:rgb(205, 244, 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(205, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 244, 244) }
```

Border

The CSS property to change the border of an element to XYZ 73.8567, 84.2122, 97.9499 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(205, 244, 244) }
```


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

```
.border{ border-color:rgb(205, 244, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 244, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 244, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 244, 244);  
box-shadow:4px 4px 4px 4px rgb(205, 244,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8567, 84.2122, 97.9499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 244, 244) }
```

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

```
.background{ background-color: rgb(205,  
244, 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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