

Converting Colors

XYZ(67.5612, 67.7441, 97.7096)

Have a look what the booklet for
XYZ(67.5612, 67.7441, 97.7096)
contains.

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Color

**XYZ(67.4834, 67.7994,
97.5255)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D4F7
RGB	212, 212, 247
RGB Percent	83%, 83%, 97%
CMY	0.1686, 0.1686, 0.0314
CMYK	0.14, 0.14, 0.00, 0.03
HSL	240°, 69%, 90%
HSV	240°, 14%, 97%
XYZ	67.4834, 67.7994, 97.5255
YIQ	215.9900, -11.2350, 10.8850

Conversions

Conversions Part 2

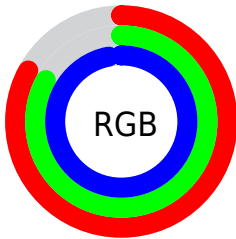
Format	Color
R _Y B	212, 212, 247
Decimal	13948151
CIE Lab	85.91, 6.81, -17.09
CIE LCh	86, 18.395, 291.716
Yxy	67.7994, 0.2899, 0.2912
Android (android.graphics.Color)	4292138231 (0xFFD4D4F7)
YUV	215.9900, 15.2879, -3.4992
Hunter-Lab	82.3404, 2.1969, -12.5859

Details

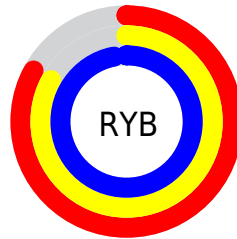
The XYZ color **67.4834, 67.7994, 97.5255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.5027, 91.0490, 75.4622**, and the grayscale version is **65.1698, 68.5637, 74.6659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3656, 35.0436, 54.1903** is the 20% darker color. If you saturate the color by 10%, you get **55.1916, 52.9891, 95.3158**, and if you desaturate by 10%, it is **81.8129, 85.0656, 100.1040**.

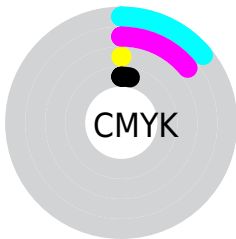
Distribution



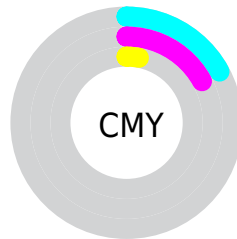
- Red (83%)
- Green (83%)
- Blue (97%)



- Red (83%)
- Yellow (83%)
- Blue (97%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4834, 67.7994, 97.5255 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 67.4834, 67.7994, 97.5255 by changing the saturation by 10% instead.

67.4834, 67.7994,
97.5255

67.4834, 67.7994,
97.5255

441.0690,
452.7850, 573.4085

49.7497, 49.7346,
73.6303

114.6588,
116.0651, 159.7746

35.4316, 35.2025,
53.9965

144.8312,
147.0348, 198.9655

24.1636, 23.8189,
38.2057

179.8805,
183.0749, 244.0921

15.5804, 15.1994,
25.8393

220.1722,
224.5697, 295.5728

9.3167, 8.9594,
16.4788

266.0715,
271.9038, 353.8263

5.0071, 4.7147,
9.7056

317.9438,

2.2862, 2.0809,

325.4614, 419.2710

5.1011

376.1545,
385.6270, 492.3256

■ 0.7876, 0.6538,
2.2470

■ 0.0000, 0.0000,
0.7013

■ 67.4834, 67.7994,
97.5255

■ 67.4834, 67.7994,
97.5255

■ 55.1916, 52.9891,
95.3158

■ 81.8129, 85.0656,
100.1040

■ 44.8392, 40.5153,
93.4537

■ 93.7887, 99.4955,
102.2581

■ 36.3292, 30.2612,
91.9230

■ 29.5534, 22.0968,
90.7042

■ 24.3928, 15.8785,
89.7760

■ 20.7131, 11.4446,
89.1141

■ 18.3585, 8.6074,
88.6905

■ 17.1388, 7.1375,
88.4711

■ 16.7889, 6.7158,
88.4082

Harmonies

Analogous

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



63.2818, 67.7994, 99.2251



67.4834, 67.7994, 97.5255



71.0073, 67.7994, 89.1392

Triad

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



67.4834, 67.7994, 97.5255



69.5885, 67.7994, 57.0770



56.7573, 67.7994, 70.5313

Complementary

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



67.4834, 67.7994, 97.5255



83.5027, 91.0490, 75.4622

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.



58.2931, 67.7994, 60.3684



67.4834, 67.7994, 97.5255



65.6149, 67.7994, 53.1730

Square

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



67.4834, 67.7994, 97.5255



72.2590, 67.7994, 65.5713



61.4920, 67.7994, 54.3087



57.2088, 67.7994, 82.7374

Rectangle

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



67.4834, 67.7994, 97.5255



72.4381, 67.7994, 81.3378



61.4920, 67.7994, 54.3087



57.0558, 67.7994, 66.7841

Sweetspot

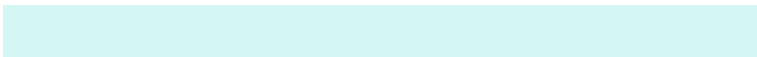
The Sweet Spot groups the original color and five complimentary colors.



67.4855, 67.8022, 97.5270



88.2286, 91.7808, 107.6731



77.1121, 87.1993, 100.2924



18.6188, 19.3246, 22.9987



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.



67.4855, 67.8022, 97.5270



68.5573, 68.0786, 104.1349



72.6200, 70.4483, 97.7671



15.5813, 15.9269, 20.7955



8.8790, 3.5518, 46.7556



0.7804, 0.3122, 4.1094

Inverse Universe

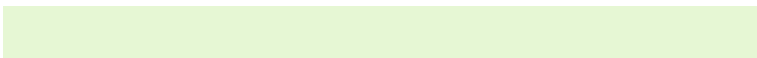
The Inverse Universe completely reimagines the original color for something new.



73.7866, 71.6163, 72.2248



76.5360, 72.9081, 72.0967



77.8056, 88.1130, 75.1958



16.4992, 16.4826, 17.1096



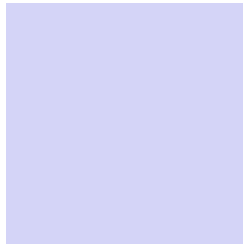
20.2862, 10.4579, 0.9497



1.7830, 0.9192, 0.0835

Previews

White Background



This preview shows how the XYZ color 67.4834, 67.7994, 97.5255 looks on a white background.

Color Contrast Check

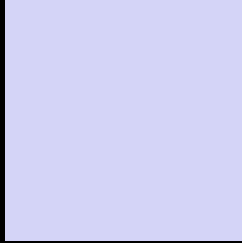
Large Text (above 18pt) WCAG AA × Fail

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 67.4834, 67.7994, 97.5255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

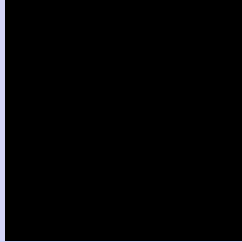
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4834, 67.7994, 97.5255

Background



This preview shows how black text looks on a background with the XYZ color 67.4834, 67.7994, 97.5255.



This preview shows how white text looks on a background with the XYZ color 67.4834, 67.7994,

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

67.4834, 67.7994, 97.5255

Protanopia

67.0320, 67.9211, 98.3841

Deuteranopia

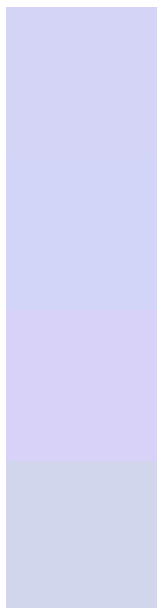
69.2589, 67.5939, 98.2035



Tritanopia

65.1604, 67.9824, 86.0315

Trichromacy



Original Color

67.4834, 67.7994, 97.5255

Protanomaly

67.3159, 68.0674, 98.3973

Deuteranomaly

68.6051, 67.6222, 98.2434

Tritanomaly

65.9110, 67.9092, 89.7547

Monochromacy



Original Color

67.4834, 67.7994, 97.5255

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.1899, 68.5940, 82.4244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4834, 67.7994, 97.5255 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(212, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 212, 247)  
}
```

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(212, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 212, 247) }
```

Border

The CSS property to change the border of an element to XYZ 67.4834, 67.7994, 97.5255 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(212, 212, 247) }
```


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

```
.border{ border-color:rgb(212, 212, 247) }
```

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

Here you see how a box with a 4 pixel rgb(212, 212, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 212,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4834, 67.7994, 97.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 212, 247) }
```

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

```
.background{ background-color: rgb(212,  
212, 247) }
```

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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