

Converting Colors

XYZ(65.1606, 66.5458, 94.5617)

Have a look what the booklet for
XYZ(65.1606, 66.5458, 94.5617)
contains.

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Color

**XYZ(65.1747, 66.6798,
94.2294)**

Conversions

Conversions Part 1

Format	Color
Hex	CED4F3
RGB	206, 212, 243
RGB Percent	81%, 83%, 95%
CMY	0.1921, 0.1686, 0.0471
CMYK	0.15, 0.13, 0.00, 0.05
HSL	230°, 61%, 88%
HSV	230°, 15%, 95%
XYZ	65.1747, 66.6798, 94.2294
YIQ	213.7400, -13.5270, 8.3690

Conversions

Conversions Part 2

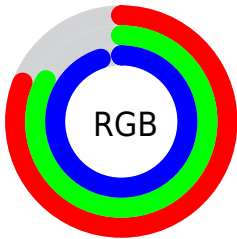
Format	Color
R _Y B	206, 211, 243
Decimal	13554931
CIE Lab	85.34, 4.09, -15.86
CIE LCh	85, 16.384, 284.461
Yxy	66.6798, 0.2883, 0.2949
Android (android.graphics.Color)	4291745011 (0xFFCED4F3)
YUV	213.7400, 14.4252, -6.7880
Hunter-Lab	81.6577, -0.4321, -11.2577

Details

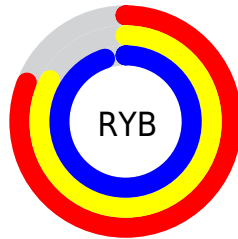
The XYZ color **65.1747, 66.6798, 94.2294** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.3873, 84.0790, 70.4914**, and the grayscale version is **63.6561, 66.9711, 72.9316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7891, 34.2811, 51.8497** is the 20% darker color. If you saturate the color by 10%, you get **54.1711, 53.9243, 92.3484**, and if you desaturate by 10%, it is **77.8669, 81.2618, 96.3761**.

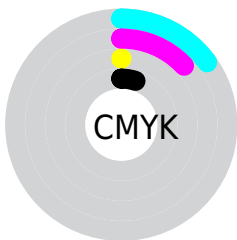
Distribution



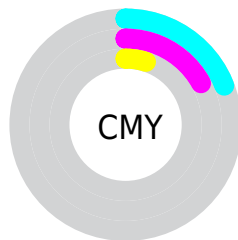
- Red (81%)
- Green (83%)
- Blue (95%)



- Red (81%)
- Yellow (83%)
- Blue (95%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1747, 66.6798, 94.2294 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 65.1747, 66.6798, 94.2294 by changing the saturation by 10% instead.

■ 65.1747, 66.6798,
94.2294

■ 65.1747, 66.6798,
94.2294

432.9548,
448.8042, 562.6162

■ 47.8680, 48.8245,
70.9004

111.3653,
114.4615, 155.1860

■ 33.9332, 34.4802,
51.7796

140.9799,
145.1566, 193.6506

■ 23.0049, 23.2628,
36.4484

175.4278,
180.9004, 237.9976

■ 14.7178, 14.7877,
24.4883

215.0744,
222.0774, 288.6455

■ 8.7066, 8.6705,
15.4807

260.2850,
269.0718, 346.0127

■ 4.6059, 4.5269,
9.0071

311.4251,

■ 2.0503, 1.9724,

322.2682, 410.5179

4.6489

368.8599,
382.0508, 482.5796

■ 0.6620, 0.5914,
1.9877

■ 0.0000, 0.0000,
0.5477

■ 65.1747, 66.6798,
94.2294

■ 65.1747, 66.6798,
94.2294

■ 54.1711, 53.9243,
92.3484

■ 77.8669, 81.2618,
96.3761

■ 44.7786, 42.9148,
90.7184

■ 92.3089, 97.7300,
98.7936

■ 36.9223, 33.5770,
89.3300

■ 93.1779, 99.2511,
99.0414

■ 30.5192, 25.8279,
88.1718

■ 25.4782, 19.5775,
87.2310

■ 21.6977, 14.7264,
86.4939

■ 19.0609, 11.1624,
85.9450

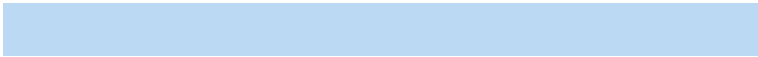
■ 17.4282, 8.7549,
85.5664

■ 16.9173, 7.9501,
85.4379

Harmonies

Analogous

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



61.4858, 66.6798, 94.1111



65.1747, 66.6798, 94.2294



68.5044, 66.6798, 88.1771

Triad

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



65.1747, 66.6798, 94.2294



68.6044, 66.6798, 59.2168



56.7518, 66.6798, 67.2679

Complementary

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



65.1747, 66.6798, 94.2294



78.3873, 84.0790, 70.4914

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.



58.5123, 66.6798, 58.9799



65.1747, 66.6798, 94.2294



65.3069, 66.6798, 54.6501

Square

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



65.1747, 66.6798, 94.2294



70.5363, 66.6798, 67.6213



61.6130, 66.6798, 54.5678



56.7195, 66.6798, 77.8235

Rectangle

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



65.1747, 66.6798, 94.2294



70.0319, 66.6798, 81.7688



61.6130, 66.6798, 54.5678



57.1579, 66.6798, 64.1490

Sweetspot

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



65.1767, 66.6826, 94.2309



87.2004, 91.0347, 107.5832



72.7671, 83.3289, 92.2431



18.4368, 19.2246, 22.9889



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.



65.1767, 66.6826, 94.2309



69.0689, 70.1821, 104.5139



67.2635, 65.5720, 93.9065



15.7983, 16.3609, 20.8679



9.3482, 4.4902, 46.9120



0.8836, 0.5187, 4.1438

Inverse Universe

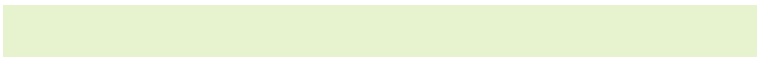
The Inverse Universe completely reimagines the original color for something new.



70.9187, 67.9523, 71.6687



76.5305, 71.8962, 75.1805



76.0399, 85.4921, 70.8878



16.6088, 16.5264, 17.6863



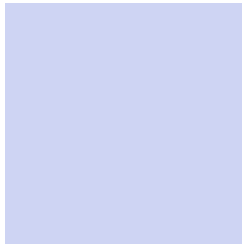
20.5231, 10.5527, 2.1969



1.8351, 0.9400, 0.3579

Previews

White Background



This preview shows how the XYZ color 65.1747, 66.6798, 94.2294 looks on a white background.

Color Contrast Check

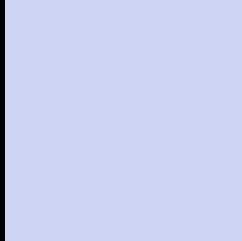
Large Text (above 18pt) WCAG AA × Fail

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 65.1747, 66.6798, 94.2294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

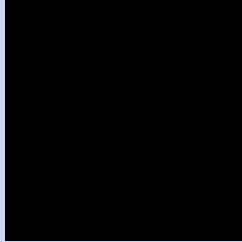
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1747, 66.6798, 94.2294

Background



This preview shows how black text looks on a background with the XYZ color 65.1747, 66.6798, 94.2294.

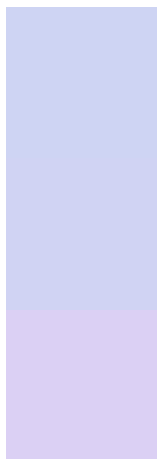


This preview shows how white text looks on a background with the XYZ color 65.1747, 66.6798,

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

65.1747, 66.6798, 94.2294

Protanopia

65.4844, 66.4695, 94.1725

Deuteranopia

68.0984, 66.7035, 94.8738



Tritanopia

63.3722, 66.7000, 85.1356

Trichromacy



Original Color

65.1747, 66.6798, 94.2294

Protanomaly

65.2041, 66.3250, 94.1594

Deuteranomaly

66.8612, 66.4287, 94.8860

Tritanomaly

63.9665, 66.5658, 88.0743

Monochromacy



Original Color

65.1747, 66.6798, 94.2294

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.2488, 66.8736, 80.7558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1747, 66.6798, 94.2294 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(206, 212, 243)` looks like.

```
.text, #text, p{  
    color:rgb(206, 212, 243)  
}
```

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(206, 212, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 212, 243) }
```

Border

The CSS property to change the border of an element to XYZ 65.1747, 66.6798, 94.2294 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(206, 212, 243) }
```


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

```
.border{ border-color:rgb(206, 212, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 212, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 212, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 212, 243);  
box-shadow:4px 4px 4px 4px rgb(206, 212,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1747, 66.6798, 94.2294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 212, 243) }
```

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

```
.background{ background-color: rgb(206,  
212, 243) }
```

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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