

Converting Colors

XYZ(64.8617, 65.3980, 94.7924)

Have a look what the booklet for
XYZ(64.8617, 65.3980, 94.7924)
contains.

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Color

**XYZ(64.8617, 65.3980,
94.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD1F4
RGB	207, 209, 244
RGB Percent	81%, 82%, 96%
CMY	0.1882, 0.1804, 0.0431
CMYK	0.15, 0.14, 0.00, 0.04
HSL	237°, 63%, 88%
HSV	237°, 15%, 96%
XYZ	64.8617, 65.3980, 94.7924
YIQ	212.3920, -12.4270, 10.4610

Conversions

Conversions Part 2

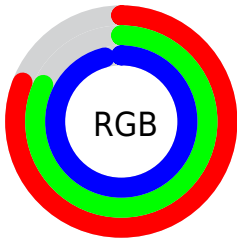
Format	Color
R _Y B	207, 209, 244
Decimal	13619700
CIE Lab	84.69, 6.20, -17.37
CIE LCh	85, 18.444, 289.647
Yxy	65.3980, 0.2882, 0.2906
Android (android.graphics.Color)	4291809780 (0xFFCFD1F4)
YUV	212.3920, 15.5827, -4.7288
Hunter-Lab	80.8690, 1.6467, -12.8897

Details

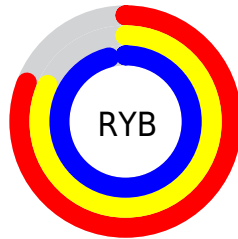
The XYZ color **64.8617, 65.3980, 94.7924** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.3232, 87.2419, 71.6388**, and the grayscale version is **62.7472, 66.0149, 71.8902**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7473, 33.7489, 52.3125** is the 20% darker color. If you saturate the color by 10%, you get **53.3064, 51.6366, 92.7463**, and if you desaturate by 10%, it is **78.2947, 81.3483, 97.1642**.

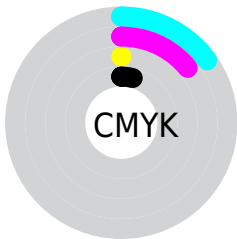
Distribution



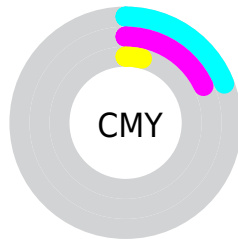
- Red (81%)
- Green (82%)
- Blue (96%)



- Red (81%)
- Yellow (82%)
- Blue (96%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8617, 65.3980, 94.7924 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 64.8617, 65.3980, 94.7924 by changing the saturation by 10% instead.

■ 64.8617, 65.3980,
94.7924

■ 64.8617, 65.3980,
94.7924

431.8479,
444.2208, 564.4675

■ 47.6132, 47.7839,
71.3663

110.9178,
112.6219, 155.9709

■ 33.7307, 33.6558,
52.1575

140.4562,
143.0004, 194.5603

■ 22.8487, 22.6293,
36.7475

174.8219,
178.4025, 239.0412

■ 14.6019, 14.3200,
24.7178

214.3803,
219.2126, 289.8322

■ 8.6250, 8.3436,
15.6498

259.4967,
265.8151, 347.3518

■ 4.5525, 4.3156,
9.1250

310.5366,

■ 2.0192, 1.8516,

318.5944, 412.0185

4.7249

367.8652,
377.9348, 484.2509

■ 0.6447, 0.5190,
2.0309

■ 0.0000, 0.0000,
0.5742

■ 64.8617, 65.3980,
94.7924

■ 64.8617, 65.3980,
94.7924

■ 53.3064, 51.6366,
92.7463

■ 78.2947, 81.3483,
97.1642

■ 43.5395, 39.9610,
91.0074

■ 93.3293, 99.3117,
99.8390

■ 35.4733, 30.2717,
89.5623

■ 29.0104, 22.4582,
88.3948

■ 24.0437, 16.3989,
87.4870

■ 20.4527, 11.9579,
86.8191

■ 18.0985, 8.9795,
86.3683

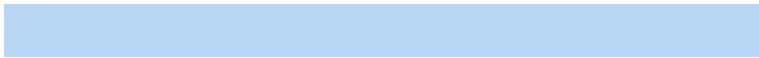
■ 16.8125, 7.2771,
86.1074

■ 16.4759, 6.8249,
86.0379

Harmonies

Analogous

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



60.7455, 65.3980, 95.9490



64.8617, 65.3980, 94.7924



68.3959, 65.3980, 86.9371

Triad

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



64.8617, 65.3980, 94.7924



67.4326, 65.3980, 55.2736



54.6843, 65.3980, 67.2060

Complementary

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



64.8617, 65.3980, 94.7924



80.3232, 87.2419, 71.6388

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.



56.3129, 65.3980, 57.4994



64.8617, 65.3980, 94.7924



63.5939, 65.3980, 51.1326

Square

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



64.8617, 65.3980, 94.7924



69.9251, 65.3980, 63.8454



59.5321, 65.3980, 51.8998



54.9900, 65.3980, 79.1144

Rectangle

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



64.8617, 65.3980, 94.7924



69.8890, 65.3980, 79.3963



59.5321, 65.3980, 51.8998



55.0208, 65.3980, 63.6017

Sweetspot

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



64.8637, 65.4007, 94.7939



86.7865, 90.2068, 107.4453



74.0410, 84.3507, 96.0174



18.3367, 19.0243, 22.9556



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.



64.8637, 65.4007, 94.7939



67.8125, 67.6693, 104.0951



69.0849, 66.8520, 94.8515



15.6531, 16.0705, 20.8195



8.9882, 3.7703, 46.7920



0.8148, 0.3811, 4.1208

Inverse Universe

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



71.1312, 68.4637, 69.7905



75.8963, 71.6425, 71.8410



75.5987, 85.6960, 71.5894



16.5355, 16.4970, 17.3005



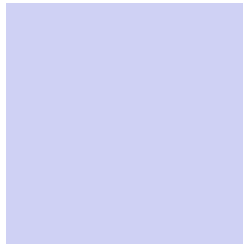
20.3414, 10.4800, 1.2401



1.8003, 0.9261, 0.1750

Previews

White Background



This preview shows how the XYZ color 64.8617, 65.3980, 94.7924 looks on a white background.

Color Contrast Check

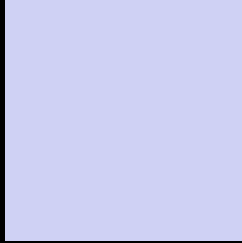
Large Text (above 18pt) WCAG AA × Fail

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 64.8617, 65.3980, 94.7924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

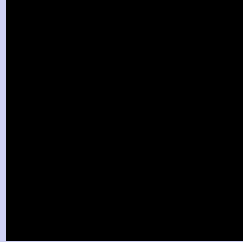
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8617, 65.3980, 94.7924

Background



This preview shows how black text looks on a background with the XYZ color 64.8617, 65.3980, 94.7924.

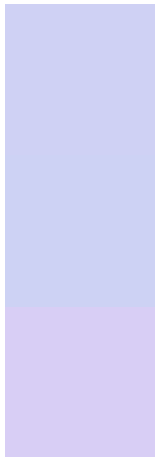


This preview shows how white text looks on a background with the XYZ color 64.8617, 65.3980,

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

64.8617, 65.3980, 94.7924

Protanopia

64.5526, 65.6040, 94.8485

Deuteranopia

66.8716, 65.3341, 95.4724



Tritanopia

62.4489, 65.5258, 82.7551

Trichromacy



Original Color

64.8617, 65.3980, 94.7924

Protanomaly

64.8293, 65.7467, 94.8615

Deuteranomaly

66.2348, 65.3644, 95.5118

Tritanomaly

63.3224, 65.5082, 87.1488

Monochromacy



Original Color

64.8617, 65.3980, 94.7924

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.3272, 65.6720, 79.8593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8617, 65.3980, 94.7924 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(207, 209, 244)` looks like.

```
.text, #text, p{  
    color:rgb(207, 209, 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(207, 209, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 209, 244) }
```

Border

The CSS property to change the border of an element to XYZ 64.8617, 65.3980, 94.7924 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(207, 209, 244) }
```


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

```
.border{ border-color:rgb(207, 209, 244) }
```

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

Here you see how a box with a 4 pixel rgb(207, 209, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 209, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 209, 244);  
box-shadow:4px 4px 4px 4px rgb(207, 209,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8617, 65.3980, 94.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 209, 244) }
```

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

```
.background{ background-color: rgb(207,  
209, 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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