

Converting Colors

XYZ(64.4629, 59.8886, 94.8457)

Have a look what the booklet for
XYZ(64.4629, 59.8886, 94.8457)
contains.

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Color

**XYZ(64.3885, 59.9279,
94.5598)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C2F5
RGB	217, 194, 245
RGB Percent	85%, 76%, 96%
CMY	0.1490, 0.2392, 0.0392
CMYK	0.11, 0.21, 0.00, 0.04
HSL	267°, 72%, 86%
HSV	267°, 21%, 96%
XYZ	64.3885, 59.9279, 94.5598
YIQ	206.6910, -2.6630, 20.7370

Conversions

Conversions Part 2

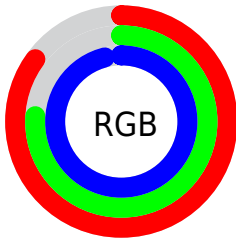
Format	Color
RYB	217, 194, 245
Decimal	14271221
CIELab	81.80, 17.58, -22.20
CIELCh	82, 28.316, 308.385
Yxy	59.9279, 0.2942, 0.2738
Android (android.graphics.Color)	4292461301 (0xFFD9C2F5)
YUV	206.6910, 18.8863, 9.0410
Hunter-Lab	77.4131, 12.9948, -18.2333

Details

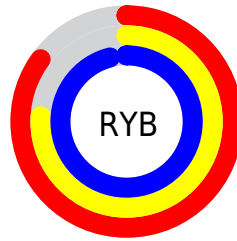
The XYZ color **64.3885, 59.9279, 94.5598** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.5163, 84.7310, 63.5745**, and the grayscale version is **58.9947, 62.0670, 67.5910**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **33.4637, 30.1117, 52.1925** is the 20% darker color. If you saturate the color by 10%, you get **55.5425, 47.9307, 92.7113**, and if you desaturate by 10%, it is **74.4631, 73.8959, 96.7258**.

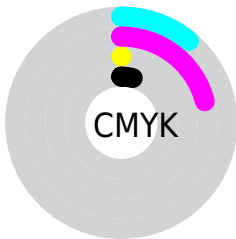
Distribution



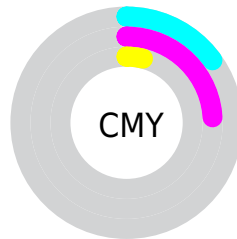
- Red (85%)
- Green (76%)
- Blue (96%)



- Red (85%)
- Yellow (76%)
- Blue (96%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3885, 59.9279, 94.5598 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 64.3885, 59.9279, 94.5598 by changing the saturation by 10% instead.

64.3885, 59.9279,
94.5598

64.3885, 59.9279,
94.5598

430.1713,
424.3320, 563.7031

47.2283, 43.3605,
71.1738

110.2409,
104.7251, 155.6467

33.4248, 30.1681,
52.0013

139.6637,
133.7237, 194.1846

22.6129, 19.9662,
36.6239

173.9048,
167.6348, 238.6102

14.4271, 12.3705,
24.6229

213.3295,
206.8428, 289.3421

8.5020, 6.9965,
15.5799

258.3031,
251.7321, 346.7988

4.4723, 3.4599,
9.0762

309.1910,

1.9726, 1.3763,

302.6872, 411.3988

4.6934

366.3586,
360.0923, 483.5607

■ 0.6185, 0.1992,
2.0130

■ 0.0000, 0.0000,
0.5632

■ 64.3885, 59.9279,
94.5598

■ 64.3885, 59.9279,
94.5598

■ 55.5425, 47.9307,
92.7113

■ 74.4631, 73.8959,
96.7258

■ 47.8676, 37.8048,
91.1613

■ 85.8091, 89.9130,
99.2195

■ 41.3102, 29.4530,
89.8949

■ 93.4816, 99.3726,
100.6410

■ 35.8093, 22.7664,
88.8941

■ 31.2977, 17.6233,
88.1392

■ 27.6992, 13.8848,
87.6073

■ 24.9239, 11.3852,
87.2711

■ 22.9726, 9.9389,
87.0947

Harmonies

Analogous

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



58.6500, 59.9279, 103.4753



64.3885, 59.9279, 94.5598



68.3111, 59.9279, 78.1252

Triad

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



64.3885, 59.9279, 94.5598



61.2934, 59.9279, 39.2128



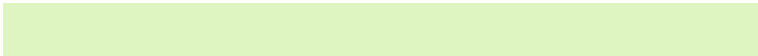
46.3419, 59.9279, 70.1634

Complementary

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



64.3885, 59.9279, 94.5598



72.5163, 84.7310, 63.5745

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.



46.9410, 59.9279, 53.8756



64.3885, 59.9279, 94.5598



55.3022, 59.9279, 37.8334

Square

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



64.3885, 59.9279, 94.5598



66.4391, 59.9279, 46.8935



50.1254, 59.9279, 42.7266



48.4277, 59.9279, 87.8662

Rectangle

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



64.3885, 59.9279, 94.5598



69.2211, 59.9279, 66.1821



50.1254, 59.9279, 42.7266



46.2391, 59.9279, 64.3292

Sweetspot

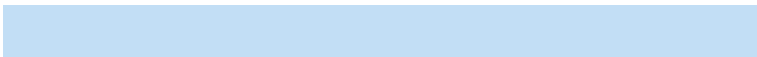
The Sweet Spot groups the original color and five complimentary colors.



64.3904, 59.9304, 94.5611



87.3386, 89.0651, 107.1958



64.8663, 70.3332, 96.5440



18.5210, 18.8196, 22.9063



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.



64.3904, 59.9304, 94.5611



66.2502, 59.8062, 102.6597



72.5475, 64.1356, 94.9429



16.2909, 16.2926, 20.8287



12.5302, 5.4339, 46.9265



1.2179, 0.5377, 4.1298

Inverse Universe

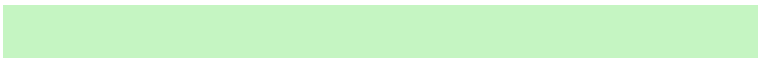
The Inverse Universe completely reimagines the original color for something new.



70.1348, 63.2726, 77.6263



73.6874, 64.1355, 80.6281



65.3004, 81.0111, 63.2368



16.8799, 16.6348, 19.1139



22.6946, 11.4213, 13.6319



2.0464, 1.0245, 1.4708

Previews

White Background



This preview shows how the XYZ color 64.3885, 59.9279, 94.5598 looks on a white background.

Color Contrast Check

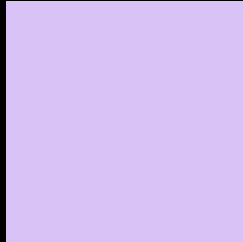
Large Text (above 18pt) WCAG AA × Fail

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 64.3885, 59.9279, 94.5598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

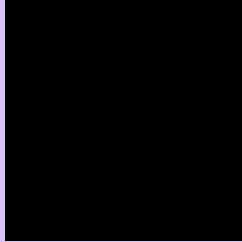
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3885, 59.9279, 94.5598

Background



This preview shows how black text looks on a background with the XYZ color 64.3885, 59.9279, 94.5598.



This preview shows how white text looks on a background with the XYZ color 64.3885, 59.9279,

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

64.3885, 59.9279, 94.5598

Protanopia

59.8802, 59.8819, 98.8448

Deuteranopia

61.3812, 60.0750, 93.9485



Tritanopia

59.8405, 59.7502, 72.6690

Trichromacy



Original Color

64.3885, 59.9279, 94.5598

Protanomaly

61.2248, 59.5830, 97.0807

Deuteranomaly

62.3078, 59.8741, 93.8608

Tritanomaly

61.4253, 59.7196, 80.2411

Monochromacy



Original Color

64.3885, 59.9279, 94.5598

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.0356, 61.3104, 77.0238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3885, 59.9279, 94.5598 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(217, 194, 245)` looks like.

```
.text, #text, p{  
    color:rgb(217, 194, 245)  
}
```

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(217, 194, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 194, 245) }
```

Border

The CSS property to change the border of an element to XYZ 64.3885, 59.9279, 94.5598 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(217, 194, 245) }
```


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

```
.border{ border-color:rgb(217, 194, 245) }
```

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

Here you see how a box with a 4 pixel rgb(217, 194, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 194, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 194, 245);  
box-shadow:4px 4px 4px 4px rgb(217, 194,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3885, 59.9279, 94.5598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 194, 245) }
```

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

```
.background{ background-color: rgb(217,  
194, 245) }
```

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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