

Converting Colors

XYZ(61.8878, 60.0638, 94.8064)

Have a look what the booklet for
XYZ(61.8878, 60.0638, 94.8064)
contains.

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Color

**XYZ(61.8524, 59.9599,
94.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC6F5
RGB	205, 198, 245
RGB Percent	80%, 78%, 96%
CMY	0.1961, 0.2235, 0.0392
CMYK	0.16, 0.19, 0.00, 0.04
HSL	249°, 70%, 87%
HSV	249°, 19%, 96%
XYZ	61.8524, 59.9599, 94.6996
YIQ	205.4510, -10.9150, 16.1010

Conversions

Conversions Part 2

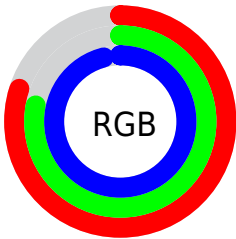
Format	Color
RYB	205, 198, 245
Decimal	13485813
CIELab	81.82, 11.67, -22.26
CIELCh	82, 25.131, 297.656
Yxy	59.9599, 0.2857, 0.2769
Android (android.graphics.Color)	4291675893 (0xFFCDC6F5)
YUV	205.4510, 19.4977, -0.3955
Hunter-Lab	77.4338, 7.0728, -18.3066

Details

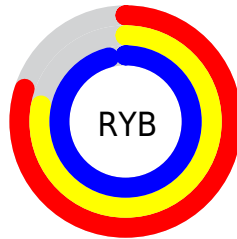
The XYZ color **61.8524, 59.9599, 94.6996** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.1072, 87.5606, 66.2130**, and the grayscale version is **58.2017, 61.2327, 66.6824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7362, 30.1047, 52.2822** is the 20% darker color. If you saturate the color by 10%, you get **51.3254, 46.8826, 92.7312**, and if you desaturate by 10%, it is **74.0555, 75.2489, 97.0085**.

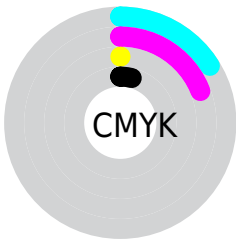
Distribution



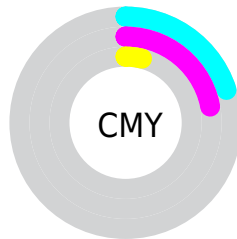
- Red (80%)
- Green (78%)
- Blue (96%)



- Red (80%)
- Yellow (78%)
- Blue (96%)



- Cyan (16%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8524, 59.9599, 94.6996 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 61.8524, 59.9599, 94.6996 by changing the saturation by 10% instead.

61.8524, 59.9599,
94.6996

61.8524, 59.9599,
94.6996

421.1186,
424.4499, 564.1626

45.1686, 43.3863,
71.2895

106.6033,
104.7715, 155.8415

31.7921, 30.1883,
52.0952

135.4011,
133.7783, 194.4104

21.3575, 19.9816,
36.6982

168.9677,
167.6983, 238.8693

13.4995, 12.3817,
24.6799

207.6683,
206.9159, 289.6367

7.8528, 7.0042,
15.6219

251.8684,
251.8154, 347.1312

4.0519, 3.4647,
9.1056

301.9332,

1.7315, 1.3789,

302.7814, 411.7713

4.7123

358.2282,
360.1981, 483.9756

■ 0.4759, 0.2011,
2.0237

■ 0.0000, 0.0000,
0.5698

■ 61.8524, 59.9599,
94.6996

■ 61.8524, 59.9599,
94.6996

■ 51.3254, 46.8826,
92.7312

■ 74.0555, 75.2489,
97.0085

■ 42.3953, 35.9070,
91.0834

■ 87.9981, 92.8379,
99.6686

■ 34.9848, 26.9250,
89.7403

■ 93.4816, 99.3726,
100.6409

■ 29.0080, 19.8158,
88.6831

■ 24.3701, 14.4453,
87.8909

■ 20.9647, 10.6614,
87.3400

■ 18.6682, 8.2850,
87.0024

■ 17.3096, 7.0518,
86.8359

■ 17.2261, 6.9764,
86.8258

Harmonies

Analogous

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



56.5744, 59.9599, 99.0048



61.8524, 59.9599, 94.6996



66.0407, 59.9599, 82.1783

Triad

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



61.8524, 59.9599, 94.6996



62.6179, 59.9599, 43.6025



47.4022, 59.9599, 64.0999

Complementary

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



61.8524, 59.9599, 94.6996



78.1072, 87.5606, 66.2130

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.



48.8066, 59.9599, 50.8836



61.8524, 59.9599, 94.6996



57.4079, 59.9599, 40.2511

Square

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



61.8524, 59.9599, 94.6996



66.5015, 59.9599, 52.6545



52.3895, 59.9599, 42.6969



48.4318, 59.9599, 79.7918

Rectangle

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



61.8524, 59.9599, 94.6996



67.5363, 59.9599, 71.7262



52.3895, 59.9599, 42.6969



47.6033, 59.9599, 59.2436

Sweetspot

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



61.8543, 59.9624, 94.7009



85.7323, 88.2371, 107.1206



70.5604, 80.1769, 98.1439



18.1422, 18.6243, 22.8886



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.



61.8543, 59.9624, 94.7009



63.0688, 59.8489, 102.8357



68.5984, 63.4391, 95.0166



15.8108, 16.0451, 20.8063



9.3501, 3.7945, 46.7776



0.8897, 0.3685, 4.1145

Inverse Universe

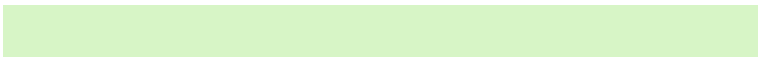
The Inverse Universe completely reimagines the original color for something new.



73.2848, 65.9761, 89.7634



77.7345, 67.5681, 96.3484



70.9402, 83.8659, 65.8776



17.1013, 16.7234, 20.2802



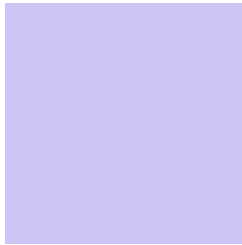
26.4949, 12.9414, 33.6441



2.3569, 1.1487, 3.1057

Previews

White Background



This preview shows how the XYZ color 61.8524, 59.9599, 94.6996 looks on a white background.

Color Contrast Check

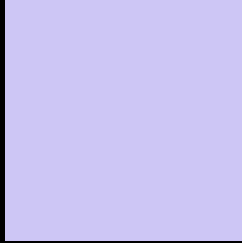
Large Text (above 18pt) WCAG AA × Fail

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 61.8524, 59.9599, 94.6996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

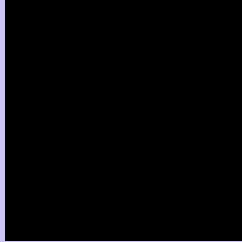
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8524, 59.9599, 94.6996

Background



This preview shows how black text looks on a background with the XYZ color 61.8524, 59.9599, 94.6996.

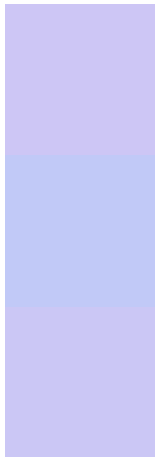


This preview shows how white text looks on a background with the XYZ color 61.8524, 59.9599,

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

61.8524, 59.9599, 94.6996

Protanopia

59.6675, 59.8261, 96.3985

Deuteranopia

61.5335, 60.1359, 94.7504



Tritanopia

57.9615, 60.1057, 75.5645

Trichromacy



Original Color

61.8524, 59.9599, 94.6996

Protanomaly

60.3148, 59.8327, 95.5587

Deuteranomaly

61.8067, 60.2768, 94.7632

Tritanomaly

59.2474, 59.9313, 81.8440

Monochromacy



Original Color

61.8524, 59.9599, 94.6996

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.2156, 60.3875, 76.2451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8524, 59.9599, 94.6996 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, 198, 245)` looks like.

```
.text, #text, p{  
    color:rgb(205, 198, 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(205, 198, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 198, 245) }
```

Border

The CSS property to change the border of an element to XYZ 61.8524, 59.9599, 94.6996 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, 198, 245) }
```


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

```
.border{ border-color:rgb(205, 198, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 198, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 198, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 198, 245);  
box-shadow:4px 4px 4px 4px rgb(205, 198,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8524, 59.9599, 94.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 198, 245) }
```

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

```
.background{ background-color: rgb(205,  
198, 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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