

Converting Colors

XYZ(66.2270, 59.7265,
117.2299)

Have a look what the booklet for
XYZ(66.2270, 59.7265, 117.2299)
contains.

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Color

**XYZ(63.4780, 58.6209,
102.5771)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C0FF
RGB	210, 192, 255
RGB Percent	82%, 75%, 100%
CMY	0.1765, 0.2470, 0.0000
CMYK	0.18, 0.25, 0.00, 0.00
HSL	257°, 100%, 88%
HSV	257°, 25%, 100%
XYZ	63.4780, 58.6209, 102.5771
YIQ	204.5640, -9.4950, 23.4090

Conversions

Conversions Part 2

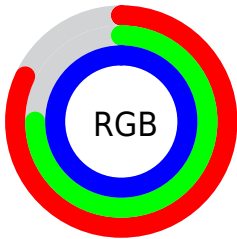
Format	Color
R _Y B	210, 192, 255
Decimal	13811967
CIE Lab	81.08, 18.59, -28.68
CIE LCh	81, 34.176, 302.953
Yxy	58.6209, 0.2825, 0.2609
Android (android.graphics.Color)	4292002047 (0xFFD2C0FF)
YUV	204.5640, 24.8649, 4.7674
Hunter-Lab	76.5643, 14.0035, -25.8389

Details

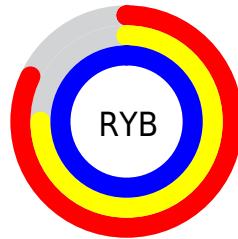
The XYZ color **63.4780, 58.6209, 102.5771** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.2005, 93.3308, 63.6593**, and the grayscale version is **57.6046, 60.6046, 65.9984**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **32.7991, 29.2227, 57.3379** is the 20% darker color. If you saturate the color by 10%, you get **53.4627, 45.8550, 100.6409**, and if you desaturate by 10%, it is **75.0569, 73.6356, 104.8649**.

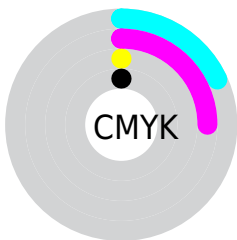
Distribution



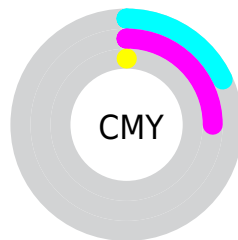
- Red (82%)
- Green (75%)
- Blue (100%)



- Red (82%)
- Yellow (75%)
- Blue (100%)



- Cyan (18%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4780, 58.6209, 102.5771 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 63.4780, 58.6209, 102.5771 by changing the saturation by 10% instead.

63.4780, 58.6209,
102.5771

63.4780, 58.6209,
102.5771

426.9343,
419.4956, 589.7410

46.4881, 42.3080,
77.8257

108.9368,
102.8265, 166.7769

32.8374, 29.3426,
57.4152

138.1364,
131.4880, 207.0624

22.1606, 19.3401,
40.9271

172.1366,
165.0345, 253.3629

14.0922, 11.9163,
27.9429

211.3028,
203.8503, 306.0971

8.2669, 6.6867,
18.0439

256.0003,
248.3200, 365.6834

4.3195, 3.2669,
10.8118

306.5945,

1.8844, 1.2726,

298.8278, 432.5405

5.8278

363.4507,
355.7582, 507.0868

■ 0.5678, 0.1199,
2.6736

■ 0.0000, 0.0000,
0.9301

■ 63.4780, 58.6209,
102.5771

■ 63.4780, 58.6209,
102.5771

■ 53.4627, 45.8550,
100.6409

■ 75.0569, 73.6356,
104.8649

■ 44.9363, 35.2208,
99.0376

■ 88.2595, 90.9948,
107.5197

■ 37.8250, 26.6010,
97.7486

95.0500, 100.0000,
108.9000

■ 32.0468, 19.8637,
96.7528

■ 27.5102, 14.8609,
96.0262

■ 24.1107, 11.4217,
95.5416

■ 21.7239, 9.3373,
95.2650

■ 20.7867, 8.6308,
95.1781

Harmonies

Analogous

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



56.4237, 58.6209, 111.3762



63.4780, 58.6209, 102.5771



68.7818, 58.6209, 83.3082

Triad

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



63.4780, 58.6209, 102.5771



62.1585, 58.6209, 34.9553



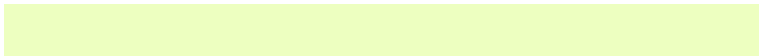
43.1657, 58.6209, 65.8637

Complementary

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



63.4780, 58.6209, 102.5771



80.2005, 93.3308, 63.6593

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.



44.4218, 58.6209, 47.6495



63.4780, 58.6209, 102.5771



55.0171, 58.6209, 32.2034

Square

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



63.4780, 58.6209, 102.5771



67.9757, 58.6209, 44.8358



48.6166, 58.6209, 36.3210



45.0292, 58.6209, 87.5446

Rectangle

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



63.4780, 58.6209, 102.5771



70.3937, 58.6209, 68.7459



48.6166, 58.6209, 36.3210



43.2374, 58.6209, 59.1508

Sweetspot

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



63.4797, 58.6232, 102.5774



85.0814, 86.7968, 106.8769



70.1173, 79.0830, 106.1767



18.0352, 18.3464, 22.8406



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.



63.4797, 58.6232, 102.5774



57.9848, 51.5887, 101.5092



73.2961, 63.6838, 103.0368



17.4904, 17.6290, 22.7308



10.9875, 4.5747, 49.7385



1.1718, 0.4980, 4.8476

Inverse Universe

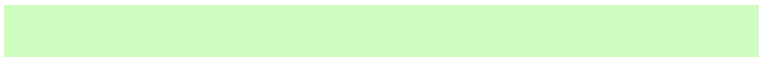
The Inverse Universe completely reimagines the original color for something new.



75.3769, 65.0757, 88.7101



71.9885, 59.1915, 84.8291



70.6324, 88.3982, 63.2116



18.5584, 18.2067, 21.5576



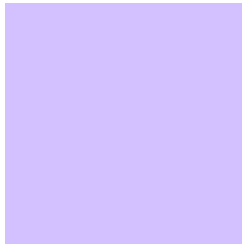
26.0361, 12.9037, 24.6383



2.5822, 1.2752, 2.6471

Previews

White Background



This preview shows how the XYZ color 63.4780, 58.6209, 102.5771 looks on a white background.

Color Contrast Check

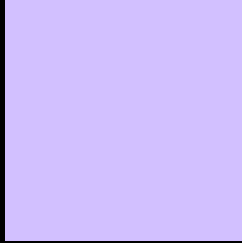
Large Text (above 18pt) WCAG AA × Fail

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 63.4780, 58.6209, 102.5771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

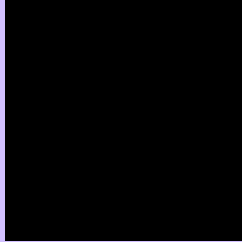
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4780, 58.6209, 102.5771

Background



This preview shows how black text looks on a background with the XYZ color 63.4780, 58.6209, 102.5771.

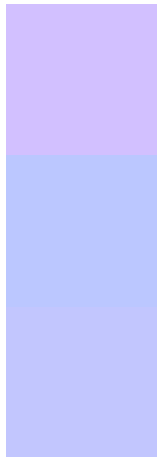


This preview shows how white text looks on a background with the XYZ color 63.4780, 58.6209,

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

63.4780, 58.6209, 102.5771

Protanopia

58.9669, 58.6316, 102.8169

Deuteranopia

60.3316, 59.0133, 101.9768



Tritanopia

57.3178, 58.4497, 72.5509

Trichromacy



Original Color

63.4780, 58.6209, 102.5771

Protanomaly

60.2956, 58.3020, 102.6832

Deuteranomaly

61.4487, 58.9150, 101.8990

Tritanomaly

59.4765, 58.3148, 82.9841

Monochromacy



Original Color

63.4780, 58.6209, 102.5771

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.7057, 59.9017, 78.2274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4780, 58.6209, 102.5771 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(210, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 255)  
}
```

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(210, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.4780, 58.6209, 102.5771 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(210, 192, 255) }
```


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

```
.border{ border-color:rgb(210, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4780, 58.6209, 102.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 192, 255) }
```

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

```
.background{ background-color: rgb(210,  
192, 255) }
```

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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