

# Converting Colors

XYZ(60.4754, 59.1606, 98.6742)

Have a look what the booklet for  
XYZ(60.4754, 59.1606, 98.6742)  
contains.

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# Color

**XYZ(60.4754, 59.1606,  
98.6742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5C6FA
RGB	197, 198, 250
RGB Percent	77%, 78%, 98%
CMY	0.2274, 0.2235, 0.0196
CMYK	0.21, 0.21, 0.00, 0.02
HSL	239°, 84%, 88%
HSV	239°, 21%, 98%
XYZ	60.4754, 59.1606, 98.6742
YIQ	203.6290, -17.2880, 15.9600

# Conversions

## Conversions Part 2

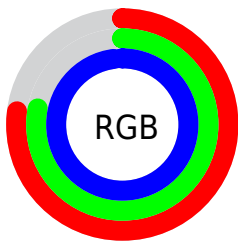
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 198, 250
Decimal	12961530
CIE <sub>Lab</sub>	81.38, 10.31, -25.65
CIE <sub>LCh</sub>	81, 27.641, 291.895
Yxy	59.1606, 0.2770, 0.2710
Android (android.graphics.Color)	4291151610 (0xFFC5C6FA)
YUV	203.6290, 22.8609, -5.8136
Hunter-Lab	76.9159, 5.7433, -22.2210

# Details

The XYZ color **60.4754, 59.1606, 98.6742** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.3788, 92.1069, 66.2090**, and the grayscale version is **57.0302, 60.0002, 65.3403**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.7542, 29.5476, 54.5344** is the 20% darker color. If you saturate the color by 10%, you get **49.3045, 45.7433, 96.6742**, and if you desaturate by 10%, it is **73.6435, 74.9579, 101.0303**.

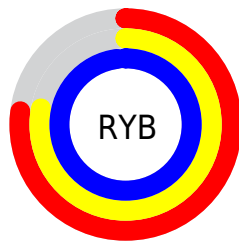
# Distribution



Red (77%)

Green (78%)

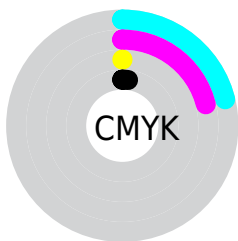
Blue (98%)



Red (77%)

Yellow (78%)

Blue (98%)

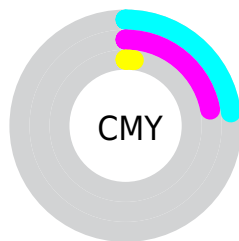


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (22%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4754, 59.1606, 98.6742 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 60.4754, 59.1606, 98.6742 by changing the saturation by 10% instead.



■ 60.4754, 59.1606,  
98.6742

■ 60.4754, 59.1606,  
98.6742

416.1546,  
421.4968, 577.1439

■ 44.0529, 42.7424,  
74.5831

104.6214,  
103.6110, 161.3700

■ 30.9102, 29.6831,  
54.7717

133.0756,  
132.4121, 200.8117

■ 20.6819, 19.5981,  
38.8216

166.2710,  
166.1096, 246.2074

■ 13.0028, 12.1033,  
26.3142

204.5731,  
205.0878, 297.9756

■ 7.5075, 6.8141,  
16.8310

248.3471,  
249.7313, 356.5348

■ 3.8306, 3.3461,  
9.9534

297.9585,

■ 1.6068, 1.3150,

300.4243, 422.3035

5.2629

353.7725,  
357.5514, 495.7004

■ 0.3968, 0.1528,  
2.3409

■ 0.0000, 0.0000,  
0.7540

■ 60.4754, 59.1606,  
98.6742

■ 60.4754, 59.1606,  
98.6742

■ 49.3045, 45.7433,  
96.6742

■ 73.6435, 74.9579,  
101.0303

■ 40.0279, 34.5841,  
95.0091

■ 88.8935, 93.2351,  
103.7544

■ 32.5424, 25.5609,  
93.6620

■ 94.2555, 99.6822,  
104.7162

■ 26.7324, 18.5375,  
92.6126

■ 22.4691, 13.3618,  
91.8383

■ 19.6046, 9.8600,  
91.3133

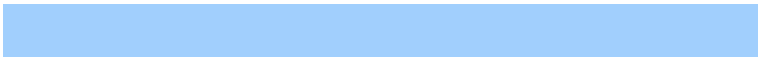
■ 17.9627, 7.8254,  
91.0071

■ 17.3068, 7.0047,  
90.8833

# Harmonies

## Analogous

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



54.6787, 59.1606, 101.3247



60.4754, 59.1606, 98.6742



65.4323, 59.1606, 86.1107

# Triad

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



60.4754, 59.1606, 98.6742



63.3679, 59.1606, 42.4848



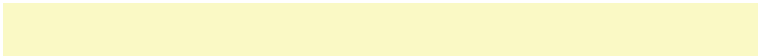
45.9341, 59.1606, 60.0337

# Complementary

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



60.4754, 59.1606, 98.6742



83.3788, 92.1069, 66.2090

# 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.



47.9343, 59.1606, 46.7101



60.4754, 59.1606, 98.6742



57.8112, 59.1606, 37.7739

# Square

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



60.4754, 59.1606, 98.6742



67.1804, 59.1606, 53.2655



52.1888, 59.1606, 39.1760



46.5400, 59.1606, 77.0228



# Rectangle

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



60.4754, 59.1606, 98.6742



67.4637, 59.1606, 74.8169



52.1888, 59.1606, 39.1760



46.3188, 59.1606, 55.0264

# Sweetspot

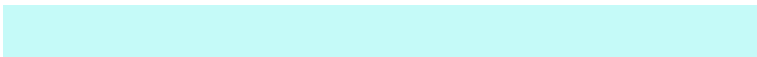
The Sweet Spot groups the original color and five complimentary colors.



60.4773, 59.1630, 98.6755



85.0403, 88.0065, 107.1126



74.1924, 87.0345, 101.8868



17.9793, 18.5700, 22.8867



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.



60.4773, 59.1630, 98.6755



58.5483, 56.2279, 102.3750



67.2657, 62.3239, 98.9279



16.3093, 16.6955, 21.7483



9.1915, 3.7385, 48.2107



0.8603, 0.3642, 4.4681



# Inverse Universe

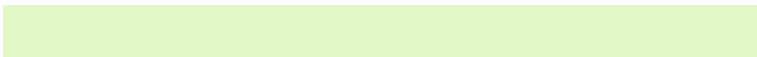
The Inverse Universe completely reimagines the original color for something new.



69.5852, 64.3355, 62.1791



69.4902, 62.4567, 58.5263



75.3995, 88.4541, 65.9245



17.2579, 17.2305, 17.9480



20.9314, 10.7883, 1.0815

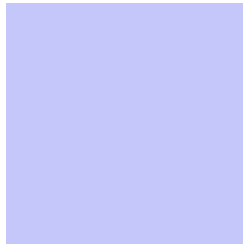


1.9431, 1.0010, 0.1240



# Previews

## White Background



This preview shows how the XYZ color 60.4754, 59.1606, 98.6742 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

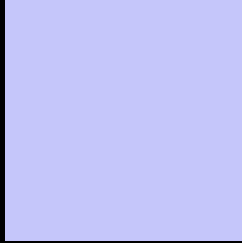
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.4754, 59.1606, 98.6742 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

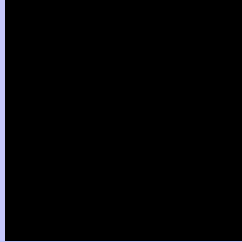
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.4754, 59.1606, 98.6742

## Background



This preview shows how black text looks on a background with the XYZ color 60.4754, 59.1606, 98.6742.



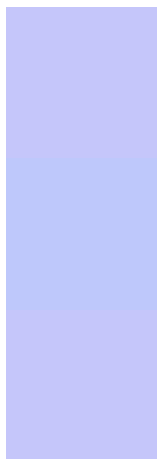
This preview shows how white text looks on a background with the XYZ color 60.4754, 59.1606,



# 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

60.4754, 59.1606, 98.6742

### Protanopia

59.3021, 59.2207, 99.5720

### Deuteranopia

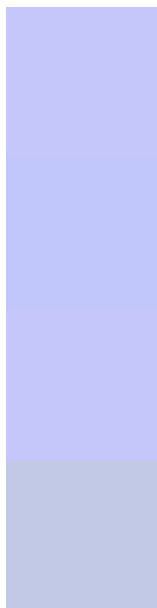
60.4754, 59.1606, 98.6742



## Tritanopia

55.7601, 58.9555, 76.1508

# Trichromacy



## Original Color

60.4754, 59.1606, 98.6742

## Protanomaly

59.8283, 59.1493, 99.5305

## Deuteranomaly

60.4754, 59.1606, 98.6742

## Tritanomaly

57.3028, 58.8803, 83.9462

# Monochromacy



## Original Color

60.4754, 59.1606, 98.6742

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

58.2591, 59.8790, 76.8938

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.4754, 59.1606, 98.6742 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(197, 198, 250)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 250)  
}
```

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(197, 198, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 60.4754, 59.1606, 98.6742 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(197, 198, 250) }
```



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

```
.border{ border-color:rgb(197, 198, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 250);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.4754, 59.1606, 98.6742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 250) }
```

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

```
.background{ background-color: rgb(197,  
198, 250) }
```

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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