

# Converting Colors

XYZ(60.2479, 58.0657,  
102.6401)

Have a look what the booklet for  
XYZ(60.2479, 58.0657, 102.6401)  
contains.

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# Color

**XYZ(60.0708, 57.8523,  
102.6083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C3FF
RGB	195, 195, 255
RGB Percent	76%, 76%, 100%
CMY	0.2353, 0.2353, 0.0000
CMYK	0.24, 0.24, 0.00, 0.00
HSL	240°, 100%, 88%
HSV	240°, 24%, 100%
XYZ	60.0708, 57.8523, 102.6083
YIQ	201.8400, -19.2600, 18.6600

# Conversions

## Conversions Part 2

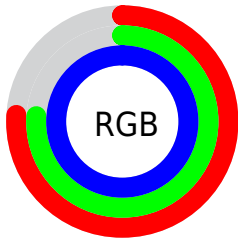
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">195, 195, 255</a>
Decimal	<a href="#">12829695</a>
CIELab	<a href="#">80.66, 12.46, -29.43</a>
CIELCh	<a href="#">81, 31.963, 292.950</a>
Yxy	<a href="#">57.8523, 0.2724, 0.2623</a>
Android (android.graphics.Color)	<a href="#">4291019775</a> <a href="#">(0xFFC3C3FF)</a>
YUV	<a href="#">201.8400, 26.2079, -5.9987</a>
Hunter-Lab	<a href="#">76.0607, 7.8685, -26.7416</a>

# Details

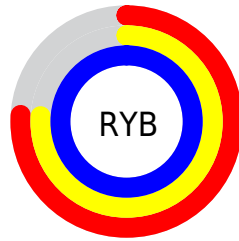
The XYZ color **60.0708, 57.8523, 102.6083** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8504, 96.7196, 65.7228**, and the grayscale version is **55.8912, 58.8019, 64.0353**.

A 20% lighter version of the original color is **92.6921, 96.9098, 108.4278**, and **30.5331, 28.7024, 57.3569** is the 20% darker color. If you saturate the color by 10%, you get **48.8023, 44.2748, 100.5815**, and if you desaturate by 10%, it is **73.4433, 73.9654, 105.0136**.

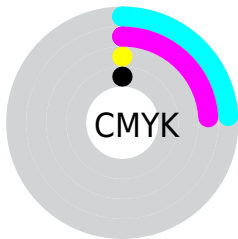
# Distribution



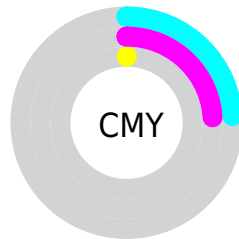
- Red (76%)
- Green (76%)
- Blue (100%)



- Red (76%)
- Yellow (76%)
- Blue (100%)



- Cyan (24%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0708, 57.8523, 102.6083 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 60.0708, 57.8523, 102.6083 by changing the saturation by 10% instead.



60.0708, 57.8523,  
102.6083

60.0708, 57.8523,  
102.6083

414.6892,  
416.6353, 589.8411

43.7254, 41.6899,  
77.8516

104.0381,  
101.7077, 166.8200

30.6517, 28.8586,  
57.4364

132.3907,  
130.1696, 207.1122

20.4843, 18.9739,  
40.9440

165.4765,  
163.5001, 253.4199

12.8578, 11.6514,  
27.9560

203.6607,  
202.0835, 306.1618

7.4071, 6.5068,  
18.0537

247.3087,  
246.3044, 365.7563

3.7665, 3.1556,  
10.8187

296.7859,

1.5709, 1.2135,

296.5471, 432.6219

5.8324

352.4576,  
353.1959, 507.1774

■ 0.3733, 0.0727,  
2.6763

■ 0.0000, 0.0000,  
0.9315

■ 60.0708, 57.8523,  
102.6083

■ 60.0708, 57.8523,  
102.6083

■ 48.8023, 44.2748,  
100.5815

■ 73.4433, 73.9654,  
105.0136

■ 39.5261, 33.0976,  
98.9130

■ 89.0139, 92.7269,  
107.8143

■ 32.1278, 24.1831,  
97.5822

95.0500, 100.0000,  
108.9000

■ 26.4794, 17.3770,  
96.5662

■ 22.4368, 12.5059,  
95.8391

■ 19.8332, 9.3687,  
95.3708

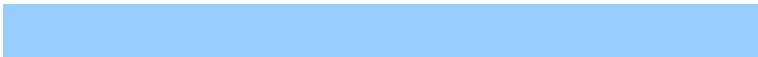
■ 18.4653, 7.7204,  
95.1247

■ 18.0500, 7.2201,  
95.0500

# Harmonies

## Analogous

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



53.4483, 57.8523, 106.2430



60.0708, 57.8523, 102.6083



65.7185, 57.8523, 87.4495

# Triad

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



60.0708, 57.8523, 102.6083



62.9698, 57.8523, 38.2662



43.3591, 57.8523, 58.6470

# Complementary

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



60.0708, 57.8523, 102.6083



86.8504, 96.7196, 65.7228

# 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.



45.4922, 57.8523, 43.5801



60.0708, 57.8523, 102.6083



56.5547, 57.8523, 33.4333

# Square

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



60.0708, 57.8523, 102.6083



67.4833, 57.8523, 49.8890



50.1982, 57.8523, 35.1635



44.1370, 57.8523, 78.2076



# Rectangle

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



60.0708, 57.8523, 102.6083



67.9953, 57.8523, 74.2269



50.1982, 57.8523, 35.1635



43.7533, 57.8523, 52.9509

# Sweetspot

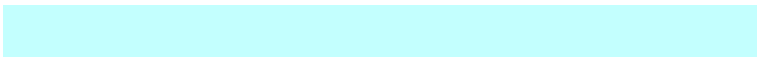
The Sweet Spot groups the original color and five complimentary colors.



60.0725, 57.8545, 102.6086



83.3529, 85.9058, 106.7961



76.1559, 90.2783, 107.1776



17.6363, 18.1407, 22.8219



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.



60.0725, 57.8545, 102.6086



54.7792, 51.4765, 101.6565



68.3068, 62.0991, 102.9939



17.0031, 17.3779, 22.7081



9.4315, 3.7727, 49.6657



0.9183, 0.3673, 4.8358



# Inverse Universe

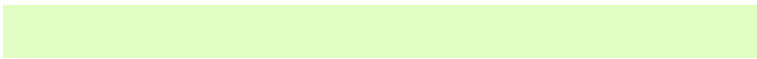
The Inverse Universe completely reimagines the original color for something new.



70.6066, 64.2319, 60.3088



66.9075, 58.8190, 52.9553



76.9752, 91.6293, 65.2608



18.0095, 17.9871, 18.6671



21.5488, 11.1088, 1.0086



2.0981, 1.0816, 0.0982



# Previews

## White Background



This preview shows how the XYZ color 60.0708, 57.8523, 102.6083 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

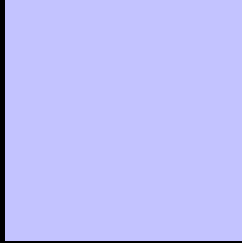
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.0708, 57.8523, 102.6083 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

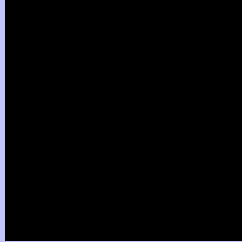
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.0708, 57.8523, 102.6083

## Background



This preview shows how black text looks on a background with the XYZ color 60.0708, 57.8523, 102.6083.



This preview shows how white text looks on a background with the XYZ color 60.0708, 57.8523,



# 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

60.0708, 57.8523, 102.6083

### Protanopia

58.2517, 57.9225, 102.7177

### Deuteranopia

59.2758, 57.7762, 102.6355



## Tritanopia

54.5145, 57.9944, 74.6505

# Trichromacy



## Original Color

60.0708, 57.8523, 102.6083

## Protanomaly

59.0025, 57.9713, 102.6876

## Deuteranomaly

59.5282, 57.9063, 102.6473

## Tritanomaly

56.3331, 57.6927, 83.7680

# Monochromacy



## Original Color

60.0708, 57.8523, 102.6083

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

57.0278, 58.2094, 76.6365

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.0708, 57.8523, 102.6083 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(195, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 195, 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(195, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 195, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 60.0708, 57.8523, 102.6083 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(195, 195, 255) }
```



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

```
.border{ border-color:rgb(195, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 195,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.0708, 57.8523, 102.6083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 195, 255) }
```

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

```
.background{ background-color: rgb(195,  
195, 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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