

# Converting Colors

XYZ(60.5702, 57.6865,  
102.4730)

Have a look what the booklet for  
XYZ(60.5702, 57.6865, 102.4730)  
contains.

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# **Color**

**XYZ(60.6305, 57.8093,  
102.5705)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6C2FF
RGB	198, 194, 255
RGB Percent	78%, 76%, 100%
CMY	0.2235, 0.2392, 0.0000
CMYK	0.22, 0.24, 0.00, 0.00
HSL	244°, 100%, 88%
HSV	244°, 24%, 100%
XYZ	60.6305, 57.8093, 102.5705
YIQ	202.1500, -17.1970, 19.8190

# Conversions

## Conversions Part 2

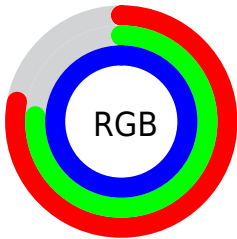
Format	Color
R <sub>Y</sub> B	198, 194, 255
Decimal	13026047
CIE Lab	80.63, 13.90, -29.45
CIE LCh	81, 32.563, 295.259
Yxy	57.8093, 0.2743, 0.2616
Android (android.graphics.Color)	4291216127 (0xFFC6C2FF)
YUV	202.1500, 26.0551, -3.6395
Hunter-Lab	76.0324, 9.2844, -26.7617

# Details

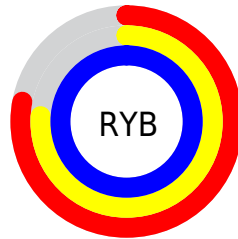
The XYZ color **60.6305, 57.8093, 102.5705** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.2821, 95.9246, 65.0618**, and the grayscale version is **56.0843, 59.0050, 64.2565**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **30.8988, 28.6730, 57.3320** is the 20% darker color. If you saturate the color by 10%, you get **49.6404, 44.4305, 100.5674**, and if you desaturate by 10%, it is **73.5857, 73.6494, 104.9451**.

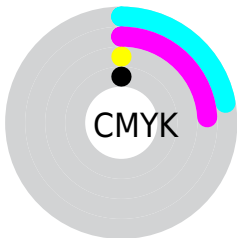
# Distribution



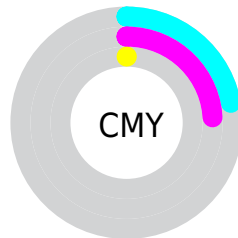
- Red (78%)
- Green (76%)
- Blue (100%)



- Red (78%)
- Yellow (76%)
- Blue (100%)



- Cyan (22%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6305, 57.8093, 102.5705 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 60.6305, 57.8093, 102.5705 by changing the saturation by 10% instead.



■ 60.6305, 57.8093,  
102.5705

■ 60.6305, 57.8093,  
102.5705

416.7155,  
416.4750, 589.7198

■ 44.1784, 41.6554,  
77.8202

■ 104.8449,  
101.6451, 166.7678

■ 31.0093, 28.8315,  
57.4107

133.3379,  
130.0958, 207.0518

■ 20.7578, 18.9534,  
40.9235

166.5754,  
163.4141, 253.3508

■ 13.0585, 11.6366,  
27.9401

204.9225,  
201.9845, 306.0834

■ 7.5461, 6.4968,  
18.0418

248.7447,  
246.1914, 365.6680

■ 3.8553, 3.1494,  
10.8103

298.4074,

■ 1.6206, 1.2102,

296.4192, 432.5233

5.8268

354.2759,  
353.0523, 507.0677

■ 0.4058, 0.0700,  
2.6730

■ 0.0000, 0.0000,  
0.9298

■ 60.6305, 57.8093,  
102.5705

■ 60.6305, 57.8093,  
102.5705

■ 49.6404, 44.4305,  
100.5674

■ 73.5857, 73.6494,  
104.9451

■ 40.5146, 33.3831,  
98.9160

■ 88.5903, 92.0586,  
107.7076

■ 33.1510, 24.5355,  
97.5963

95.0500, 100.0000,  
108.9000

■ 27.4356, 17.7403,  
96.5859

■ 23.2408, 12.8319,  
95.8596

■ 20.4205, 9.6193,  
95.3882

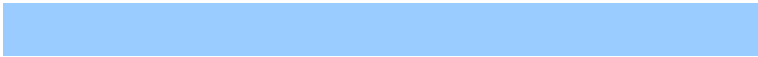
■ 18.7993, 7.8706,  
95.1361

■ 18.2762, 7.3366,  
95.0606

# Harmonies

## Analogous

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



53.8878, 57.8093, 107.3547



60.6305, 57.8093, 102.5705



66.2305, 57.8093, 86.4062

# Triad

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



60.6305, 57.8093, 102.5705



62.6219, 57.8093, 37.2266



43.0778, 57.8093, 59.9431

# Complementary

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



60.6305, 57.8093, 102.5705



85.2821, 95.9246, 65.0618

# 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.



45.0221, 57.8093, 44.1679



60.6305, 57.8093, 102.5705



56.0180, 57.8093, 32.8626

# Square

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



60.6305, 57.8093, 102.5705



67.4442, 57.8093, 48.4727



49.6284, 57.8093, 35.1185



44.0959, 57.8093, 80.0432



# Rectangle

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



60.6305, 57.8093, 102.5705



68.3748, 57.8093, 72.8102



49.6284, 57.8093, 35.1185



43.4018, 57.8093, 54.0128

# Sweetspot

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



60.6322, 57.8116, 102.5708



83.7452, 86.1079, 106.8144



75.0939, 88.2794, 107.6895



17.7267, 18.1873, 22.8262



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.



60.6322, 57.8116, 102.5708



54.8090, 50.7145, 101.5079



69.1956, 62.2261, 102.9716



17.1132, 17.4346, 22.7132



9.5908, 3.8547, 49.6731



0.9706, 0.3943, 4.8382



# Inverse Universe

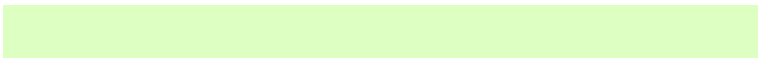
The Inverse Universe completely reimagines the original color for something new.



77.9454, 66.8105, 100.0552



75.0532, 61.2397, 98.4320



75.4547, 90.8585, 64.6019



18.7382, 18.2786, 22.5046



29.6563, 14.3518, 43.7020

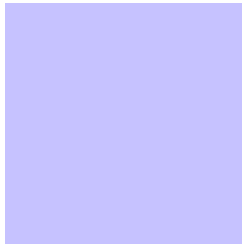


2.9024, 1.4033, 4.3336



# Previews

## White Background



This preview shows how the XYZ color 60.6305, 57.8093, 102.5705 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

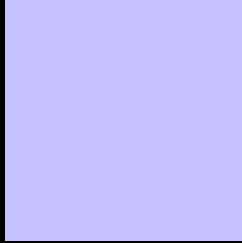
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.6305, 57.8093, 102.5705 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

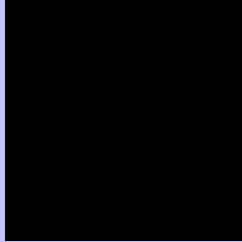
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.6305, 57.8093, 102.5705

## Background



This preview shows how black text looks on a background with the XYZ color 60.6305, 57.8093, 102.5705.



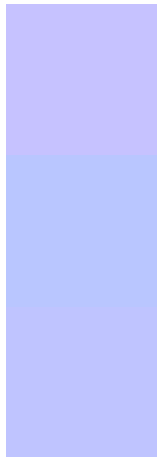
This preview shows how white text looks on a background with the XYZ color 60.6305, 57.8093,



# 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

60.6305, 57.8093, 102.5705

### Protanopia

58.2517, 57.9225, 102.7177

### Deuteranopia

59.2758, 57.7762, 102.6355



## Tritanopia

54.8969, 57.8594, 73.9202

# Trichromacy



## Original Color

60.6305, 57.8093, 102.5705

## Protanomaly

59.2515, 58.0997, 102.6992

## Deuteranomaly

59.8132, 57.7195, 102.5962

## Tritanomaly

56.8660, 57.6270, 83.7273

# Monochromacy



## Original Color

60.6305, 57.8093, 102.5705

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

57.5620, 58.4848, 76.6615

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.6305, 57.8093, 102.5705 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(198, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 194, 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(198, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 194, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 60.6305, 57.8093, 102.5705 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(198, 194, 255) }
```



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

```
.border{ border-color:rgb(198, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 194,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.6305, 57.8093, 102.5705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 194, 255) }
```

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

```
.background{ background-color: rgb(198,  
194, 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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