

Converting Colors

XYZ(61.7204, 57.4642,
105.0391)

Have a look what the booklet for
XYZ(61.7204, 57.4642, 105.0391)
contains.

XYZ(61.0379, 57.0382, 102.4002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.0379, 57.0382,
102.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	CABFFF
RGB	202, 191, 255
RGB Percent	79%, 75%, 100%
CMY	0.2078, 0.2510, 0.0000
CMYK	0.21, 0.25, 0.00, 0.00
HSL	250°, 100%, 87%
HSV	250°, 25%, 100%
XYZ	61.0379, 57.0382, 102.4002
YIQ	201.5850, -13.9880, 22.2360

Conversions

Conversions Part 2

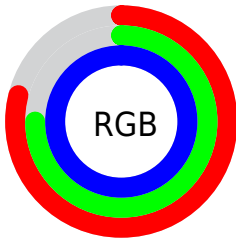
Format	Color
R _Y B	202, 191, 255
Decimal	13287423
CIE Lab	80.20, 16.72, -30.09
CIE LCh	80, 34.418, 299.059
Yxy	57.0382, 0.2768, 0.2587
Android (android.graphics.Color)	4291477503 (0xFFCABFFF)
YUV	201.5850, 26.3336, 0.3640
Hunter-Lab	75.5236, 12.0966, -27.5230

Details

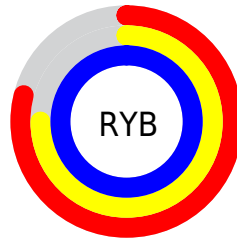
The XYZ color **61.0379, 57.0382, 102.4002** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.4733, 94.5152, 63.1892**, and the grayscale version is **55.7297, 58.6319, 63.8502**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **31.3141, 28.4572, 57.2684** is the 20% darker color. If you saturate the color by 10%, you get **50.6254, 44.1224, 100.4560**, and if you desaturate by 10%, it is **73.2038, 72.2977, 104.7043**.

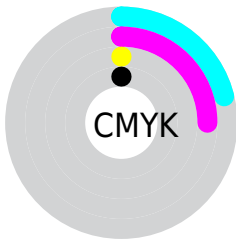
Distribution



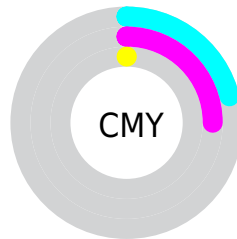
- Red (79%)
- Green (75%)
- Blue (100%)



- Red (79%)
- Yellow (75%)
- Blue (100%)



- Cyan (21%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0379, 57.0382, 102.4002 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 61.0379, 57.0382, 102.4002 by changing the saturation by 10% instead.

61.0379, 57.0382,
102.4002

61.0379, 57.0382,
102.4002

418.1866,
413.5924, 589.1731

44.5084, 41.0359,
77.6785

105.4316,
100.5209, 166.5323

31.2700, 28.3471,
57.2951

134.0265,
128.7701, 206.7798

20.9574, 18.5875,
40.8312

167.3740,
161.8705, 253.0396

13.2051, 11.3726,
27.8685

205.8394,
200.2063, 305.7304

7.6479, 6.3180,
17.9884

249.7879,
244.1620, 365.2705

3.9204, 3.0394,
10.7723

299.5851,

1.6572, 1.1523,

294.1220, 432.0787

5.8017

355.5962,
350.4707, 506.5734

■ 0.4293, 0.0223,
2.6580

■ 0.0000, 0.0000,
0.9222

■ 61.0379, 57.0382,
102.4002

■ 61.0379, 57.0382,
102.4002

■ 50.6254, 44.1224,
100.4560

■ 73.2038, 72.2977,
104.7043

■ 41.8795, 33.4271,
98.8525

■ 87.1942, 90.0025,
107.3843

■ 34.7134, 24.8276,
97.5703

95.0500, 100.0000,
108.9000

■ 29.0306, 18.1844,
96.5876

■ 24.7232, 13.3405,
95.8797

■ 21.6682, 10.1144,
95.4180

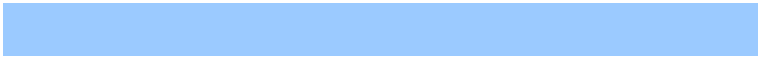
■ 19.7186, 8.2846,
95.1675

■ 19.0812, 7.7516,
95.0983

Harmonies

Analogous

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



53.9918, 57.0382, 109.3364



61.0379, 57.0382, 102.4002



66.6355, 57.0382, 84.1790

Triad

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



61.0379, 57.0382, 102.4002



61.4543, 57.0382, 34.4965



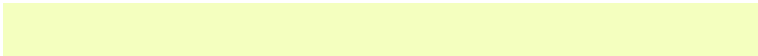
41.8046, 57.0382, 61.4723

Complementary

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



61.0379, 57.0382, 102.4002



82.4733, 94.5152, 63.1892

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.



43.4393, 57.0382, 44.2724



61.0379, 57.0382, 102.4002



54.4350, 57.0382, 30.9142

Square

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



61.0379, 57.0382, 102.4002



66.8901, 57.0382, 45.1555



47.9170, 57.0382, 34.0694



43.2484, 57.0382, 82.8396

Rectangle

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



61.0379, 57.0382, 102.4002



68.5767, 57.0382, 69.7354



47.9170, 57.0382, 34.0694



42.0097, 57.0382, 55.0524

Sweetspot

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



61.0396, 57.0404, 102.4005



82.9394, 84.6033, 106.5664



71.9883, 83.1995, 106.8727



17.2939, 17.5277, 22.7217



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.



61.0396, 57.0404, 102.4005



55.7190, 50.4206, 101.4032



70.5046, 61.9198, 102.8435



17.2939, 17.5277, 22.7217



10.0545, 4.0938, 49.6948



1.0557, 0.4382, 4.8422

Inverse Universe

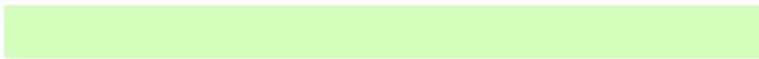
The Inverse Universe completely reimagines the original color for something new.



76.2012, 65.0553, 94.1301



73.2650, 59.7021, 91.5508



72.4129, 89.3289, 62.7184



18.6508, 18.2436, 22.0440



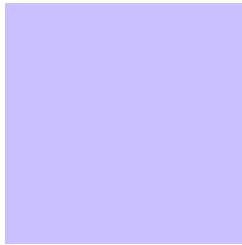
27.7533, 13.5906, 33.6810



2.7360, 1.3368, 3.4572

Previews

White Background



This preview shows how the XYZ color 61.0379, 57.0382, 102.4002 looks on a white background.

Color Contrast Check

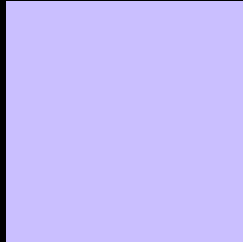
Large Text (above 18pt) WCAG AA × Fail

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 61.0379, 57.0382, 102.4002 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 61.0379, 57.0382, 102.4002

Background



This preview shows how black text looks on a background with the XYZ color 61.0379, 57.0382, 102.4002.

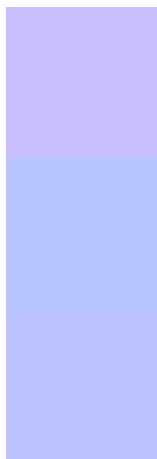


This preview shows how white text looks on a background with the XYZ color 61.0379, 57.0382,

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

61.0379, 57.0382, 102.4002

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.3908, 57.0048, 101.6914



Tritanopia

55.0667, 57.3040, 71.7768

Trichromacy



Original Color

61.0379, 57.0382, 102.4002

Protanomaly

59.0510, 57.3266, 102.5606

Deuteranomaly

59.4293, 57.2087, 101.6760

Tritanomaly

57.1715, 57.1428, 82.1451

Monochromacy



Original Color

61.0379, 57.0382, 102.4002

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.6023, 58.1652, 76.5976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0379, 57.0382, 102.4002 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(202, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 191, 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(202, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.0379, 57.0382, 102.4002 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(202, 191, 255) }
```


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

```
.border{ border-color:rgb(202, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0379, 57.0382, 102.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 191, 255) }
```

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

```
.background{ background-color: rgb(202,  
191, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor