

Converting Colors

XYZ(66.0039, 60.9280,
133.4520)

Have a look what the booklet for
XYZ(66.0039, 60.9280, 133.4520)
contains.

XYZ(60.2644, 58.6218, 102.7466)	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(60.2644, 58.6218,
102.7466)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C5FF
RGB	194, 197, 255
RGB Percent	76%, 77%, 100%
CMY	0.2392, 0.2274, 0.0000
CMYK	0.24, 0.23, 0.00, 0.00
HSL	237°, 100%, 88%
HSV	237°, 24%, 100%
XYZ	60.2644, 58.6218, 102.7466
YIQ	202.7150, -20.4060, 17.4020

Conversions

Conversions Part 2

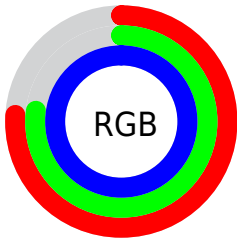
Format	Color
RYB	194, 197, 255
Decimal	12764671
CIELab	81.08, 11.08, -28.78
CIELCh	81, 30.846, 291.061
Yxy	58.6218, 0.2719, 0.2645
Android (android.graphics.Color)	4290954751 (0xFFC2C5FF)
YUV	202.7150, 25.7765, -7.6431
Hunter-Lab	76.5649, 6.5093, -25.9691

Details

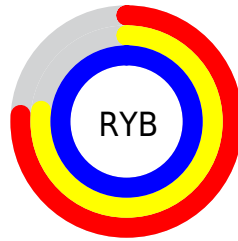
The XYZ color **60.2644, 58.6218, 102.7466** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.7881, 94.7755, 64.8128**, and the grayscale version is **56.4402, 59.3795, 64.6643**.

A 20% lighter version of the original color is **93.2755, 98.6129, 108.7258**, and **30.6630, 29.2111, 57.4483** is the 20% darker color. If you saturate the color by 10%, you get **49.2031, 45.3948, 100.7765**, and if you desaturate by 10%, it is **73.3374, 74.2030, 105.0651**.

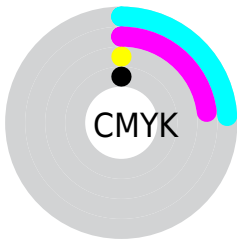
Distribution



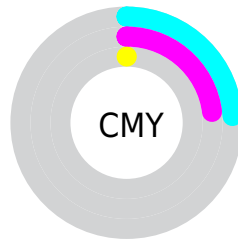
- Red (76%)
- Green (77%)
- Blue (100%)



- Red (76%)
- Yellow (77%)
- Blue (100%)



- Cyan (24%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2644, 58.6218, 102.7466 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 60.2644, 58.6218, 102.7466 by changing the saturation by 10% instead.

■ 60.2644, 58.6218,
102.7466

■ 60.2644, 58.6218,
102.7466

415.3908,
419.4989, 590.2848

■ 43.8821, 42.3087,
77.9667

■ 104.3173,
102.8278, 167.0112

■ 30.7753, 29.3431,
57.5303

132.7185,
131.4895, 207.3331

■ 20.5788, 19.3405,
41.0190

165.8568,
165.0363, 253.6726

■ 12.9272, 11.9166,
28.0141

204.0974,
203.8524, 306.4484

■ 7.4551, 6.6869,
18.0972

247.8058,
248.3223, 366.0789

■ 3.7971, 3.2671,
10.8496

297.3472,

■ 1.5880, 1.2727,

298.8305, 432.9828

5.8529

353.0871,
355.7612, 507.5786

■ 0.3846, 0.1199,
2.6885

■ 0.0000, 0.0000,
0.9376

■ 60.2644, 58.6218,
102.7466

■ 60.2644, 58.6218,
102.7466

■ 49.2031, 45.3948,
100.7765

■ 73.3374, 74.2030,
105.0651

■ 40.0488, 34.4010,
99.1370

■ 88.5097, 92.2378,
107.7465

■ 32.6951, 25.5193,
97.8102

95.0500, 100.0000,
108.9000

■ 27.0232, 18.6140,
96.7763

■ 22.8999, 13.5339,
96.0131

■ 20.1717, 10.1058,
95.4952

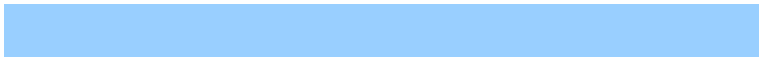
■ 18.6538, 8.1229,
95.1924

■ 18.1882, 7.4964,
95.0961

Harmonies

Analogous

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



53.8256, 58.6218, 105.4185



60.2644, 58.6218, 102.7466



65.8619, 58.6218, 88.6746

Triad

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



60.2644, 58.6218, 102.7466



63.8263, 58.6218, 40.1284



44.4114, 58.6218, 58.5017

Complementary

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



60.2644, 58.6218, 102.7466



85.7881, 94.7755, 64.8128

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.



46.6736, 58.6218, 44.1209



60.2644, 58.6218, 102.7466



57.6548, 58.6218, 34.9312

Square

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



60.2644, 58.6218, 102.7466



68.0255, 58.6218, 51.9695



51.4067, 58.6218, 36.2376



44.9929, 58.6218, 77.3684

Rectangle

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



60.2644, 58.6218, 102.7466



68.2039, 58.6218, 75.9806



51.4067, 58.6218, 36.2376



44.8577, 58.6218, 53.0477

Sweetspot

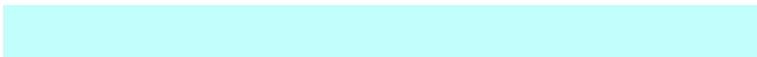
The Sweet Spot groups the original color and five complimentary colors.



60.2661, 58.6241, 102.7470



83.6079, 86.4158, 106.8811



75.5717, 90.0149, 105.4456



17.6951, 18.2583, 22.8415



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.



60.2661, 58.6241, 102.7470



54.4016, 51.6174, 101.7036



67.2990, 61.2482, 102.8828



17.0747, 17.5210, 22.7319



9.5336, 3.9769, 49.6997



0.9524, 0.4354, 4.8471

Inverse Universe

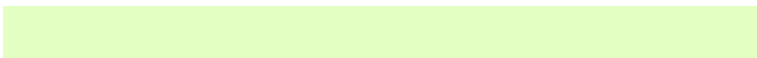
The Inverse Universe completely reimagines the original color for something new.



70.6110, 63.8764, 61.4335



66.4981, 57.8177, 53.3816



77.3507, 91.8359, 64.6901



18.0456, 18.0015, 18.8572



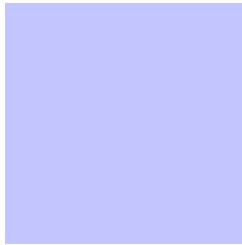
21.6003, 11.1294, 1.2799



2.1153, 1.0885, 0.1887

Previews

White Background



This preview shows how the XYZ color 60.2644, 58.6218, 102.7466 looks on a white background.

Color Contrast Check

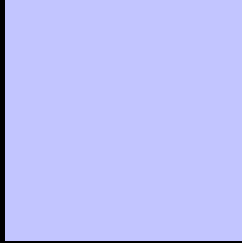
Large Text (above 18pt) WCAG AA × Fail

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 60.2644, 58.6218, 102.7466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

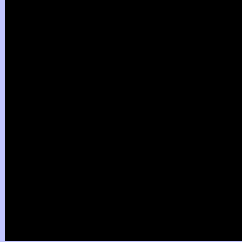
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2644, 58.6218, 102.7466

Background



This preview shows how black text looks on a background with the XYZ color 60.2644, 58.6218, 102.7466.

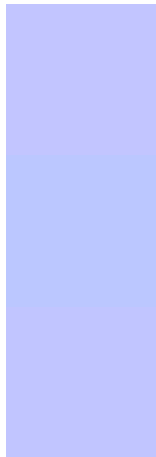


This preview shows how white text looks on a background with the XYZ color 60.2644, 58.6218,

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

60.2644, 58.6218, 102.7466

Protanopia

58.9669, 58.6316, 102.8169

Deuteranopia

60.0086, 58.4900, 102.7346



Tritanopia

54.7677, 58.4440, 76.1044

Trichromacy



Original Color

60.2644, 58.6218, 102.7466

Protanomaly

59.4793, 58.5553, 102.7752

Deuteranomaly

60.0086, 58.4900, 102.7346

Tritanomaly

56.8298, 58.6036, 85.4072

Monochromacy



Original Color

60.2644, 58.6218, 102.7466

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.8909, 59.3266, 77.5072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2644, 58.6218, 102.7466 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(194, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 197, 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(194, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.2644, 58.6218, 102.7466 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(194, 197, 255) }
```


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

```
.border{ border-color:rgb(194, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2644, 58.6218, 102.7466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 197, 255) }
```

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

```
.background{ background-color: rgb(194,  
197, 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