

Converting Colors

XYZ(81.3328, 66.2949,
211.5945)

Have a look what the booklet for
XYZ(81.3328, 66.2949, 211.5945)
contains.

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Color

**XYZ(60.8538, 58.2560,
102.6449)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C3FF
RGB	198, 195, 255
RGB Percent	78%, 76%, 100%
CMY	0.2235, 0.2353, 0.0000
CMYK	0.22, 0.24, 0.00, 0.00
HSL	243°, 100%, 88%
HSV	243°, 24%, 100%
XYZ	60.8538, 58.2560, 102.6449
YIQ	202.7370, -17.4720, 19.2960

Conversions

Conversions Part 2

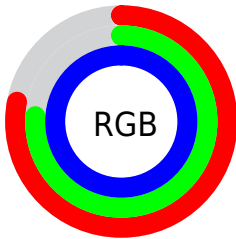
Format	Color
RYB	198, 195, 255
Decimal	13026303
CIELab	80.88, 13.35, -29.07
CIELCh	81, 31.989, 294.672
Yxy	58.2560, 0.2744, 0.2627
Android (android.graphics.Color)	4291216383 (0xFFC6C3FF)
YUV	202.7370, 25.7657, -4.1543
Hunter-Lab	76.3256, 8.7468, -26.3070

Details

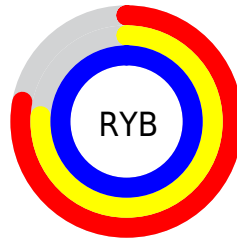
The XYZ color **60.8538, 58.2560, 102.6449** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.7562, 96.1560, 65.6724**, and the grayscale version is **56.4528, 59.3927, 64.6787**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **31.0456, 28.9666, 57.3809** is the 20% darker color. If you saturate the color by 10%, you get **49.7379, 44.7570, 100.6252**, and if you desaturate by 10%, it is **73.9699, 74.2372, 105.0383**.

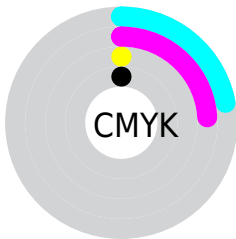
Distribution



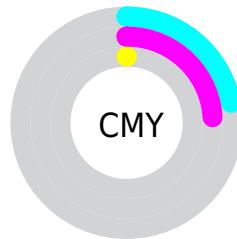
- Red (78%)
- Green (76%)
- Blue (100%)



- 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 60.8538, 58.2560, 102.6449 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 60.8538, 58.2560, 102.6449 by changing the saturation by 10% instead.

60.8538, 58.2560,
102.6449

60.8538, 58.2560,
102.6449

417.5222,
418.1392, 589.9585

44.3593, 42.0145,
77.8821

105.1665,
102.2956, 166.8706

31.1522, 29.1126,
57.4612

133.7155,
130.8624, 207.1706

20.8672, 19.1660,
40.9638

167.0132,
164.3065, 253.4868

13.1388, 11.7903,
27.9713

205.4252,
203.0122, 306.2376

7.6019, 6.6011,
18.0652

249.3167,
247.3639, 365.8417

3.8909, 3.2139,
10.8269

299.0532,

1.6406, 1.2444,

297.7461, 432.7175

5.8378

354.9999,
354.5430, 507.2836

■ 0.4187, 0.0975,
2.6795

■ 0.0000, 0.0000,
0.9331

■ 60.8538, 58.2560,
102.6449

■ 60.8538, 58.2560,
102.6449

■ 49.7379, 44.7570,
100.6252

■ 73.9699, 74.2372,
105.0383

■ 40.5193, 33.6094,
98.9594

■ 89.1725, 92.8091,
107.8218

■ 33.0931, 24.6805,
97.6274

95.0500, 100.0000,
108.9000

■ 27.3428, 17.8220,
96.6066

■ 23.1378, 12.8671,
95.8718

■ 20.3280, 9.6237,
95.3939

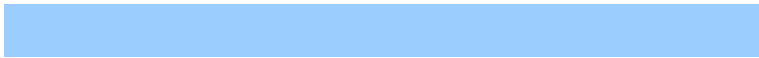
■ 18.7334, 7.8586,
95.1372

■ 18.2122, 7.3036,
95.0576

Harmonies

Analogous

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



54.1973, 58.2560, 107.0754



60.8538, 58.2560, 102.6449



66.4145, 58.2560, 86.9246

Triad

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



60.8538, 58.2560, 102.6449



63.0597, 58.2560, 38.1023



43.6425, 58.2560, 60.1064

Complementary

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



60.8538, 58.2560, 102.6449



85.7562, 96.1560, 65.6724

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.



45.6243, 58.2560, 44.6048



60.8538, 58.2560, 102.6449



56.5607, 58.2560, 33.6245

Square

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



60.8538, 58.2560, 102.6449



67.7575, 58.2560, 49.4026



50.2270, 58.2560, 35.7433



44.5935, 58.2560, 79.8913

Rectangle

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



60.8538, 58.2560, 102.6449



68.5718, 58.2560, 73.5607



50.2270, 58.2560, 35.7433



43.9827, 58.2560, 54.2765

Sweetspot

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



60.8555, 58.2583, 102.6453



83.6517, 86.0597, 106.8100



75.6821, 89.0733, 107.8117



17.7052, 18.1762, 22.8252



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.



60.8555, 58.2583, 102.6453



55.6423, 51.9211, 101.6968



69.2452, 62.5833, 103.0379



17.0870, 17.4210, 22.7120



9.5512, 3.8343, 49.6713



0.9582, 0.3879, 4.8376

Inverse Universe

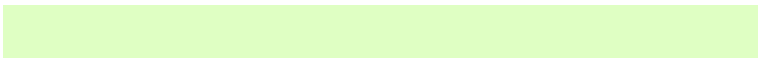
The Inverse Universe completely reimagines the original color for something new.



78.3270, 67.3205, 100.9625



75.7782, 62.3673, 99.6679



76.0429, 91.1487, 65.2179



18.7511, 18.2838, 22.5726



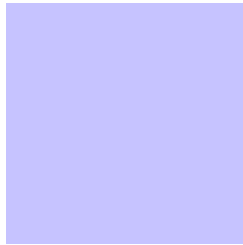
29.9604, 14.4735, 45.3035



2.9287, 1.4139, 4.4721

Previews

White Background



This preview shows how the XYZ color 60.8538, 58.2560, 102.6449 looks on a white background.

Color Contrast Check

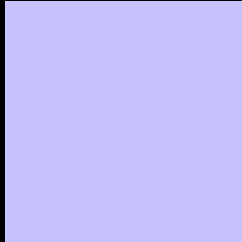
Large Text (above 18pt) WCAG AA × Fail

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 60.8538, 58.2560, 102.6449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

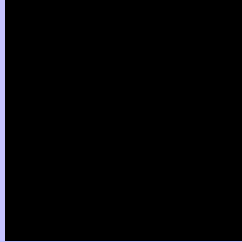
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8538, 58.2560, 102.6449

Background



This preview shows how black text looks on a background with the XYZ color 60.8538, 58.2560, 102.6449.



This preview shows how white text looks on a background with the XYZ color 60.8538, 58.2560,

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

60.8538, 58.2560, 102.6449

Protanopia

58.7231, 58.5060, 102.8055

Deuteranopia

59.7545, 58.3590, 102.7227



Tritanopia

55.2613, 58.3794, 74.6854

Trichromacy



Original Color

60.8538, 58.2560, 102.6449

Protanomaly

59.4793, 58.5553, 102.7752

Deuteranomaly

60.0381, 58.1692, 102.6712

Tritanomaly

57.0954, 58.0857, 83.8037

Monochromacy



Original Color

60.8538, 58.2560, 102.6449

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.9265, 59.0000, 77.4423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8538, 58.2560, 102.6449 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, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.8538, 58.2560, 102.6449 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, 195, 255) }
```


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

```
.border{ border-color:rgb(198, 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(198, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8538, 58.2560, 102.6449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 255) }
```

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

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