

Converting Colors

XYZ(61.2587, 55.5616,
102.1035)

Have a look what the booklet for
XYZ(61.2587, 55.5616, 102.1035)
contains.

XYZ(61.3410, 55.6032, 102.1072)	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(61.3410, 55.6032,
102.1072)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBAFF
RGB	207, 186, 255
RGB Percent	81%, 73%, 100%
CMY	0.1882, 0.2706, 0.0000
CMYK	0.19, 0.27, 0.00, 0.00
HSL	258°, 100%, 86%
HSV	258°, 27%, 100%
XYZ	61.3410, 55.6032, 102.1072
YIQ	200.1450, -9.6330, 25.9110

Conversions

Conversions Part 2

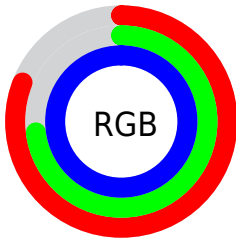
Format	Color
R _Y B	207, 186, 255
Decimal	13613823
CIE Lab	79.39, 20.94, -31.30
CIE LCh	79, 37.658, 303.778
Yxy	55.6032, 0.2800, 0.2538
Android (android.graphics.Color)	4291803903 (0xFFCFBAFF)
YUV	200.1450, 27.0435, 6.0118
Hunter-Lab	74.5676, 16.3450, -28.9900

Details

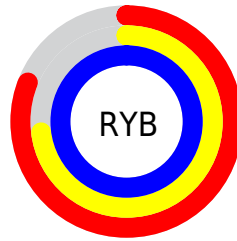
The XYZ color **61.3410, 55.6032, 102.1072** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.5557, 92.5581, 60.1820**, and the grayscale version is **54.8334, 57.6890, 62.8233**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **31.5295, 27.5277, 57.0777** is the 20% darker color. If you saturate the color by 10%, you get **51.7600, 43.3893, 100.2547**, and if you desaturate by 10%, it is **72.4407, 70.0256, 104.3060**.

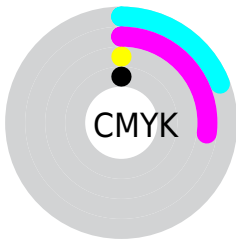
Distribution



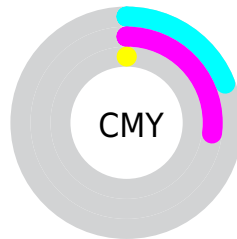
- Red (81%)
- Green (73%)
- Blue (100%)



- Red (81%)
- Yellow (73%)
- Blue (100%)



- Cyan (19%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3410, 55.6032, 102.1072 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 61.3410, 55.6032, 102.1072 by changing the saturation by 10% instead.

61.3410, 55.6032,
102.1072

61.3410, 55.6032,
102.1072

419.2792,
408.1944, 588.2319

44.7540, 39.8849,
77.4348

105.8678, 98.4242,
166.1270

31.4642, 27.4488,
57.0962

134.5384,
126.2956, 206.3116

21.1061, 17.9106,
40.6726

167.9675,
158.9869, 252.5039

13.3145, 10.8858,
27.7456

206.5206,
196.8824, 305.1227

7.7240, 5.9901,
17.8966

250.5629,
240.3665, 364.5863

3.9691, 2.8391,
10.7071

300.4599,

1.6847, 1.0483,

289.8236, 431.3133

5.7585

356.5769,
345.6381, 505.7224

■ 0.4467, 0.0000,
2.6324

■ 0.0000, 0.0000,
0.9091

■ 61.3410, 55.6032,
102.1072

■ 61.3410, 55.6032,
102.1072

■ 51.7600, 43.3893,
100.2547

■ 72.4407, 70.0256,
104.3060

■ 43.6235, 33.2660,
98.7295

■ 85.1188, 86.7534,
106.8666

■ 36.8581, 25.1141,
97.5126

95.0500, 100.0000,
108.9000

■ 31.3814, 18.7994,
96.5824

■ 27.1014, 14.1702,
95.9145

■ 23.9124, 11.0497,
95.4802

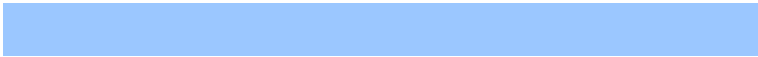
■ 21.6835, 9.2141,
95.2434

■ 21.1598, 8.8231,
95.1955

Harmonies

Analogous

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



53.8119, 55.6032, 112.2442



61.3410, 55.6032, 102.1072



66.9760, 55.6032, 80.8399

Triad

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



61.3410, 55.6032, 102.1072



59.5286, 55.6032, 30.3727



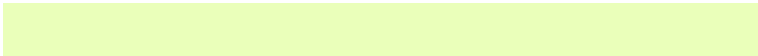
39.6431, 55.6032, 63.3246

Complementary

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



61.3410, 55.6032, 102.1072



78.5557, 92.5581, 60.1820

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.



40.8631, 55.6032, 43.9632



61.3410, 55.6032, 102.1072



51.8980, 55.6032, 27.8036

Square

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



61.3410, 55.6032, 102.1072



65.8616, 55.6032, 40.2387



45.1796, 55.6032, 32.1360



41.6745, 55.6032, 86.7335

Rectangle

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



61.3410, 55.6032, 102.1072



68.6395, 55.6032, 65.1623



45.1796, 55.6032, 32.1360



39.6877, 55.6032, 56.1462

Sweetspot

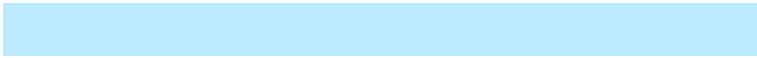
The Sweet Spot groups the original color and five complimentary colors.



61.3427, 55.6054, 102.1075



83.8542, 85.0750, 106.6093



67.8094, 76.6770, 105.8339



17.5228, 17.6457, 22.7324



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.



61.3427, 55.6054, 102.1075



56.4209, 49.2984, 101.1496



71.9541, 61.0758, 102.6042



17.5228, 17.6457, 22.7324



11.1884, 4.6783, 49.7479



1.1948, 0.5098, 4.8487

Inverse Universe

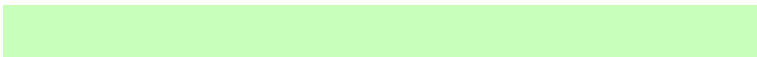
The Inverse Universe completely reimagines the original color for something new.



73.6514, 62.3203, 85.9904



70.5666, 57.0233, 82.2724



68.3903, 87.3177, 59.7062



18.5434, 18.2007, 21.4787



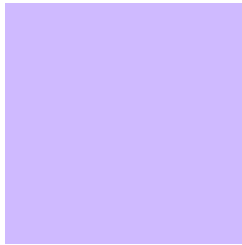
25.7855, 12.8035, 23.3188



2.5593, 1.2661, 2.5268

Previews

White Background



This preview shows how the XYZ color 61.3410, 55.6032, 102.1072 looks on a white background.

Color Contrast Check

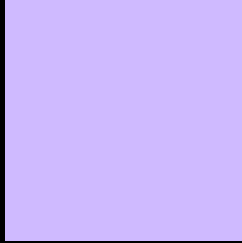
Large Text (above 18pt) WCAG AA × Fail

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 61.3410, 55.6032, 102.1072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

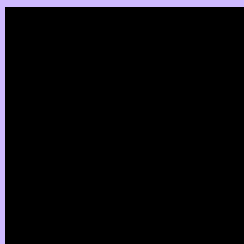
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3410, 55.6032, 102.1072

Background



This preview shows how black text looks on a background with the XYZ color 61.3410, 55.6032, 102.1072.

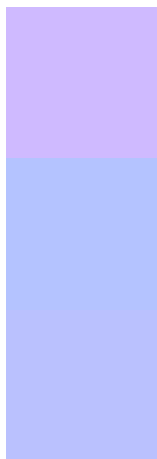


This preview shows how white text looks on a background with the XYZ color 61.3410, 55.6032,

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

61.3410, 55.6032, 102.1072

Protanopia

56.3875, 55.9535, 102.4359

Deuteranopia

57.2091, 55.7348, 101.5086



Tritanopia

54.4778, 55.3788, 68.7907

Trichromacy



Original Color

61.3410, 55.6032, 102.1072

Protanomaly

58.1348, 55.8664, 102.3270

Deuteranomaly

58.5510, 55.4520, 101.3833

Tritanomaly

56.7154, 55.3091, 79.6380

Monochromacy



Original Color

61.3410, 55.6032, 102.1072

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.0620, 56.8940, 75.6843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3410, 55.6032, 102.1072 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(207, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 186, 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(207, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.3410, 55.6032, 102.1072 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(207, 186, 255) }
```


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

```
.border{ border-color:rgb(207, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3410, 55.6032, 102.1072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 186, 255) }
```

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

```
.background{ background-color: rgb(207,  
186, 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