

Converting Colors

XYZ(61.0468, 61.8309,
101.6455)

Have a look what the booklet for
XYZ(61.0468, 61.8309, 101.6455)
contains.

XYZ(61.0468, 61.8309, 101.6455)	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(61.0468, 61.8309,
101.6455)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCDFD
RGB	191, 205, 253
RGB Percent	75%, 80%, 99%
CMY	0.2510, 0.1961, 0.0078
CMYK	0.25, 0.19, 0.00, 0.01
HSL	226°, 94%, 87%
HSV	226°, 25%, 99%
XYZ	61.0468, 61.8309, 101.6455
YIQ	206.2860, -23.7520, 11.9600

Conversions

Conversions Part 2

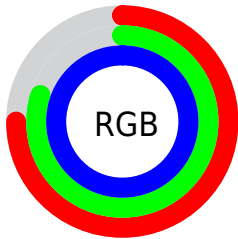
Format	Color
R _Y B	191, 202, 253
Decimal	12570109
CIE Lab	82.82, 5.44, -25.08
CIE LCh	83, 25.664, 282.227
Yxy	61.8309, 0.2719, 0.2754
Android (android.graphics.Color)	4290760189 (0xFFBFCDFD)
YUV	206.2860, 23.0300, -13.4058
Hunter-Lab	78.6326, 0.9722, -21.5992

Details

The XYZ color **61.0468, 61.8309, 101.6455** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.7792, 86.3775, 61.7069**, and the grayscale version is **58.7190, 61.7769, 67.2751**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **31.1838, 31.3530, 56.6327** is the 20% darker color. If you saturate the color by 10%, you get **50.8300, 50.0399, 99.9091**, and if you desaturate by 10%, it is **72.9531, 75.3665, 103.6316**.

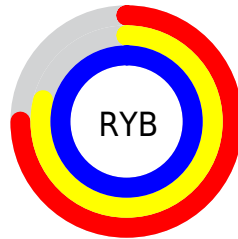
Distribution



Red (75%)

Green (80%)

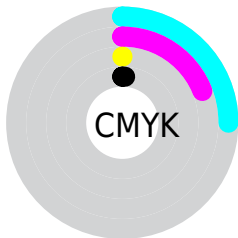
Blue (99%)



Red (75%)

Yellow (79%)

Blue (99%)

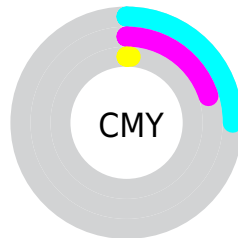


Cyan (25%)

Magenta (19%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (20%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0468, 61.8309, 101.6455 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 61.0468, 61.8309, 101.6455 by changing the saturation by 10% instead.

■ 61.0468, 61.8309,
101.6455

■ 61.0468, 61.8309,
101.6455

418.2188,
431.3140, 586.7472

■ 44.5156, 44.8961,
77.0510

■ 105.4444,
107.4811, 165.4882

■ 31.2757, 31.3756,
56.7829

134.0416,
136.9653, 205.5734

■ 20.9617, 20.8850,
40.4228

167.3914,
171.4013, 251.6593

■ 13.2083, 13.0400,
27.5520

205.8594,
211.1737, 304.1644

■ 7.6502, 7.4561,
17.7521

249.8107,
256.6667, 363.5071

■ 3.9218, 3.7489,
10.6046

299.6108,

■ 1.6580, 1.5341,

308.2649, 430.1062

5.6908

355.6250,
366.3525, 504.3800

■ 0.4298, 0.3126,
2.5923

■ 0.0000, 0.0000,
0.8885

■ 61.0468, 61.8309,
101.6455

■ 61.0468, 61.8309,
101.6455

■ 50.8300, 50.0399,
99.9091

■ 72.9531, 75.3665,
103.6316

■ 42.2186, 39.9136,
98.4084

■ 86.6157, 90.7071,
105.8726

■ 35.1302, 31.3771,
97.1343

94.7298, 99.8719,
107.2139

■ 29.4724, 24.3464,
96.0754

■ 25.1422, 18.7292,
95.2195

■ 22.0218, 14.4225,
94.5526

■ 19.9704, 11.3066,
94.0593

■ 19.1997, 10.0317,
93.8539

Harmonies

Analogous

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



55.5853, 61.8309, 100.6461



61.0468, 61.8309, 101.6455



66.2001, 61.8309, 92.4556

Triad

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



61.0468, 61.8309, 101.6455



66.9901, 61.8309, 48.8782



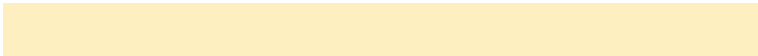
49.2225, 61.8309, 58.4577

Complementary

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



61.0468, 61.8309, 101.6455



80.7792, 86.3775, 61.7069

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.



51.9148, 61.8309, 47.2160



61.0468, 61.8309, 101.6455



62.0708, 61.8309, 42.3108

Square

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



61.0468, 61.8309, 101.6455



69.7728, 61.8309, 61.0841



56.5474, 61.8309, 41.7542



48.9865, 61.8309, 73.9736

Rectangle

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



61.0468, 61.8309, 101.6455



68.6768, 61.8309, 82.5169



56.5474, 61.8309, 41.7542



49.8621, 61.8309, 54.1196

Sweetspot

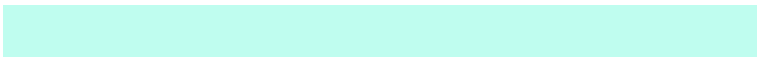
The Sweet Spot groups the original color and five complimentary colors.



61.0488, 61.8334, 101.6469



84.5341, 88.2683, 107.1898



72.1236, 87.5326, 94.3957



17.9088, 18.6859, 22.9128



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.



61.0488, 61.8334, 101.6469



57.2549, 57.3240, 102.6547



62.2433, 57.6975, 100.7856



17.3357, 18.0430, 22.8189



10.3023, 5.5143, 49.9560



1.0807, 0.6922, 4.8899

Inverse Universe

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



70.1599, 62.5537, 66.1366



67.9383, 58.3938, 60.9657



79.2777, 91.9262, 62.8571



18.1773, 18.0543, 19.5511



21.9883, 11.2846, 3.3231



2.1801, 1.1144, 0.5299

Previews

White Background



This preview shows how the XYZ color 61.0468, 61.8309, 101.6455 looks on a white background.

Color Contrast Check

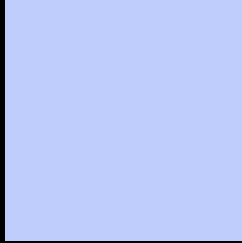
Large Text (above 18pt) WCAG AA × Fail

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 61.0468, 61.8309, 101.6455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

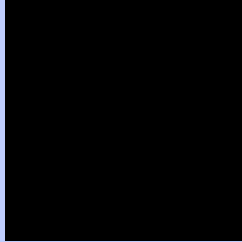
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0468, 61.8309, 101.6455

Background



This preview shows how black text looks on a background with the XYZ color 61.0468, 61.8309, 101.6455.



This preview shows how white text looks on a background with the XYZ color 61.0468, 61.8309,

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

61.0468, 61.8309, 101.6455

Protanopia

61.6692, 61.8161, 100.7768

Deuteranopia

63.3670, 61.9534, 102.3843



Tritanopia

57.0238, 62.0233, 80.9177

Trichromacy



Original Color

61.0468, 61.8309, 101.6455

Protanomaly

61.4117, 61.6833, 100.7648

Deuteranomaly

62.5340, 61.8734, 102.4128

Tritanomaly

58.4352, 61.8592, 88.2170

Monochromacy



Original Color

61.0468, 61.8309, 101.6455

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.4780, 61.8878, 78.6228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0468, 61.8309, 101.6455 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(191, 205, 253)` looks like.

```
.text, #text, p{  
    color:rgb(191, 205, 253)  
}
```

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(191, 205, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 205, 253) }
```

Border

The CSS property to change the border of an element to XYZ 61.0468, 61.8309, 101.6455 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(191, 205, 253) }
```


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

```
.border{ border-color:rgb(191, 205, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 205, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 205, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 205, 253);  
box-shadow:4px 4px 4px 4px rgb(191, 205,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0468, 61.8309, 101.6455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 205, 253) }
```

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

```
.background{ background-color: rgb(191,  
205, 253) }
```

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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