

Converting Colors

XYZ(30.5435, 29.1986, 61.6045)

Have a look what the booklet for
XYZ(30.5435, 29.1986, 61.6045)
contains.

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Color

**XYZ(30.6656, 29.3408,
61.8047)**

Conversions

Conversions Part 1

Format	Color
Hex	8590CD
RGB	133, 144, 205
RGB Percent	52%, 56%, 80%
CMY	0.4784, 0.4353, 0.1961
CMYK	0.35, 0.30, 0.00, 0.20
HSL	231°, 42%, 66%
HSV	231°, 35%, 80%
XYZ	30.6656, 29.3408, 61.8047
YIQ	147.6650, -26.1370, 16.6390

Conversions

Conversions Part 2

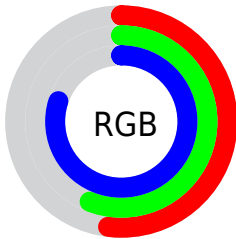
Format	Color
RYB	133, 143, 205
Decimal	8753357
CIELab	61.08, 10.69, -32.70
CIELCh	61, 34.399, 288.097
Yxy	29.3408, 0.2517, 0.2409
Android (android.graphics.Color)	4286943437 (0xFF8590CD)
YUV	147.6650, 28.2662, -12.8612
Hunter-Lab	54.1671, 6.2615, -29.7329

Details

The XYZ color **30.6656, 29.3408, 61.8047** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.7032, 53.2573, 29.9044**, and the grayscale version is **27.9037, 29.3568, 31.9696**.

A 20% lighter version of the original color is **58.9831, 58.2995, 102.7519**, and **12.8160, 11.9129, 30.4781** is the 20% darker color. If you saturate the color by 10%, you get **25.3081, 22.9701, 60.8579**, and if you desaturate by 10%, it is **37.0615, 36.8488, 62.9173**.

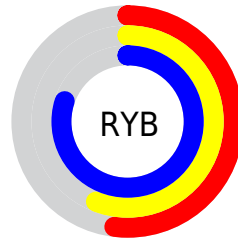
Distribution



Red (52%)

Green (56%)

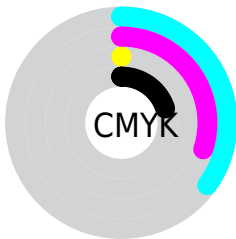
Blue (80%)



Red (52%)

Yellow (56%)

Blue (80%)

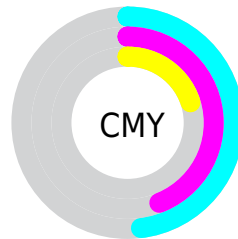


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (20%)



Cyan (48%)

Magenta (44%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6656, 29.3408, 61.8047 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 30.6656, 29.3408, 61.8047 by changing the saturation by 10% instead.

■ 30.6656, 29.3408,
61.8047

■ 30.6656, 29.3408,
61.8047

296.8492,
298.8196, 449.2063

■ 20.4949, 19.3388,
44.4401

■ 60.0926, 58.6181,
109.0121

■ 12.8657, 11.9153,
30.6769

■ 80.0797, 78.6622,
139.6920

■ 7.4125, 6.6860,
20.0966

■ 104.0696,
102.8224, 175.6474

■ 3.7700, 3.2665,
12.2805

132.4277,
131.4832, 217.2969

■ 1.5728, 1.2724,
6.8102

165.5194,
165.0289, 265.0590

■ 0.3746, 0.1197,
3.2670

203.7100,

■ 0.0000, 0.0000,

203.8439, 319.3522

1.2325

247.3648,
248.3127, 380.5952

■ 0.0000, 0.0000,
0.0055

■ 0.0000, 0.0000,
0.0000

■ 30.6656, 29.3408,
61.8047

■ 30.6656, 29.3408,
61.8047

■ 25.3081, 22.9701,
60.8579

■ 37.0615, 36.8488,
62.9173

■ 20.9306, 17.6774,
60.0671

■ 44.5438, 45.5426,
64.2010

■ 17.4734, 13.4031,
59.4242

■ 53.1614, 55.4723,
65.6635

■ 14.8692, 10.0802,
58.9201

■ 62.9591, 66.6837,
67.3111

■ 13.0409, 7.6336,
58.5443

■ 73.9795, 79.2205,
69.1501

■ 11.8966, 5.9760,
58.2846

■ 85.8923, 92.9333,
71.1691

■ 11.5179, 5.4045,
58.1942

■ 88.0195, 97.1878,
71.8781

Harmonies

Analogous

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



26.1388, 29.3408, 62.8880



30.6656, 29.3408, 61.8047



34.8440, 29.3408, 51.5446

Triad

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



30.6656, 29.3408, 61.8047



34.0820, 29.3408, 16.8122



20.2415, 29.3408, 27.0986

Complementary

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



30.6656, 29.3408, 61.8047



48.7032, 53.2573, 29.9044

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.



21.9247, 29.3408, 18.0780



30.6656, 29.3408, 61.8047



29.7126, 29.3408, 13.3021

Square

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



30.6656, 29.3408, 61.8047



36.9580, 29.3408, 24.8444



25.2826, 29.3408, 13.6927



20.4377, 29.3408, 40.2889

Rectangle

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



30.6656, 29.3408, 61.8047



36.7210, 29.3408, 42.1237



25.2826, 29.3408, 13.6927



20.5981, 29.3408, 23.5577

Sweetspot

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



30.6666, 29.3419, 61.8054



78.3546, 80.8263, 106.0791



41.1307, 52.5002, 58.4186



16.3658, 16.8325, 22.6364



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.



30.6666, 29.3419, 61.8054



43.5670, 40.1512, 100.0615



33.3127, 28.3522, 61.4749



10.7378, 11.1161, 14.1500



7.2146, 3.4531, 36.2425



0.4173, 0.2684, 1.8848

Inverse Universe

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



38.5993, 31.7690, 30.4842



58.5387, 45.0982, 40.8654



45.1219, 55.1806, 30.4644



11.2810, 11.2411, 12.0145



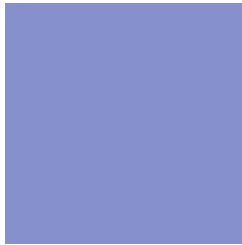
15.8525, 8.1516, 1.6759



0.8406, 0.4296, 0.2064

Previews

White Background



This preview shows how the XYZ color 30.6656, 29.3408, 61.8047 looks on a white background.

Color Contrast Check

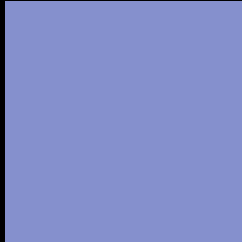
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6656, 29.3408, 61.8047 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 × Fail

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

XYZ 30.6656, 29.3408, 61.8047

Background



This preview shows how black text looks on a background with the XYZ color 30.6656, 29.3408, 61.8047.



This preview shows how white text looks on a background with the XYZ color 30.6656, 29.3408,

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

30.6656, 29.3408, 61.8047

Protanopia

30.3192, 29.3742, 62.4643

Deuteranopia

30.0469, 29.2478, 61.8193



Tritanopia

26.2413, 29.4219, 39.4179

Trichromacy



Original Color

30.6656, 29.3408, 61.8047

Protanomaly

30.4719, 29.4529, 62.4714

Deuteranomaly

30.3508, 29.4044, 61.8336

Tritanomaly

27.6365, 29.2616, 46.8393

Monochromacy



Original Color

30.6656, 29.3408, 61.8047

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.9228, 29.5716, 41.7196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6656, 29.3408, 61.8047 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(133, 144, 205)` looks like.

```
.text, #text, p{  
    color:rgb(133, 144, 205)  
}
```

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(133, 144, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 144, 205) }
```

Border

The CSS property to change the border of an element to XYZ 30.6656, 29.3408, 61.8047 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(133, 144, 205) }
```


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

```
.border{ border-color:rgb(133, 144, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 144, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 144, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 144, 205);  
box-shadow:4px 4px 4px 4px rgb(133, 144,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6656, 29.3408, 61.8047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 144, 205) }
```

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

```
.background{ background-color: rgb(133,  
144, 205) }
```

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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