

Converting Colors

XYZ(30.3035, 33.5129, 60.7526)

Have a look what the booklet for
XYZ(30.3035, 33.5129, 60.7526)
contains.

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Color

**XYZ(30.3911, 33.6156,
60.7638)**

Conversions

Conversions Part 1

Format	Color
Hex	71A2CA
RGB	113, 162, 202
RGB Percent	44%, 64%, 79%
CMY	0.5568, 0.3647, 0.2078
CMYK	0.44, 0.20, 0.00, 0.21
HSL	207°, 46%, 62%
HSV	207°, 44%, 79%
XYZ	30.3911, 33.6156, 60.7638
YIQ	151.9090, -42.0440, 2.0520

Conversions

Conversions Part 2

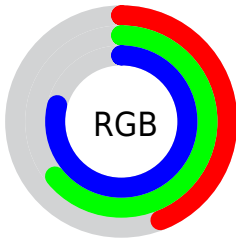
Format	Color
RYB	113, 145, 202
Decimal	7447242
CIELab	64.66, -5.75, -25.60
CIELCh	65, 26.237, 257.338
Yxy	33.6156, 0.2436, 0.2694
Android (android.graphics.Color)	4285637322 (0xFF71A2CA)
YUV	151.9090, 24.6949, -34.1232
Hunter-Lab	57.9790, -7.8980, -21.5525

Details

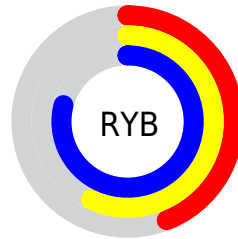
The XYZ color **30.3911, 33.6156, 60.7638** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.7300, 36.5326, 20.6343**, and the grayscale version is **29.7166, 31.2642, 34.0467**.

A 20% lighter version of the original color is **59.0113, 65.1705, 104.0767**, and **12.7747, 14.4065, 30.1244** is the 20% darker color. If you saturate the color by 10%, you get **26.5340, 29.3388, 60.1422**, and if you desaturate by 10%, it is **34.9443, 38.4241, 61.4526**.

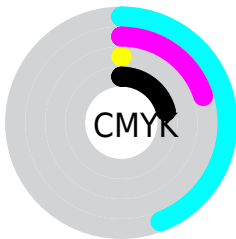
Distribution



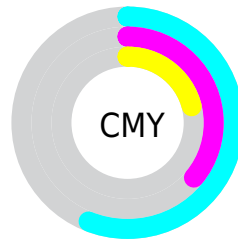
- Red (44%)
- Green (64%)
- Blue (79%)



- Red (44%)
- Yellow (57%)
- Blue (79%)



- Cyan (44%)
- Magenta (20%)
- Yellow (0%)
- Black (21%)



- Cyan (56%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3911, 33.6156, 60.7638 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 30.3911, 33.6156, 60.7638 by changing the saturation by 10% instead.

■ 30.3911, 33.6156,
60.7638

■ 30.3911, 33.6156,
60.7638

295.6004,
318.4146, 445.2900

■ 20.2852, 22.5984,
43.6053

■ 59.6625, 65.3354,
107.4911

■ 12.7120, 14.2973,
30.0254

■ 79.5587, 86.8069,
137.8969

■ 7.3061, 8.3277,
19.6056

■ 103.4491,
112.5320, 173.5555

■ 3.7023, 4.3054,
11.9275

131.6989,
142.8950, 214.8855

■ 1.5351, 1.8458,
6.5724

164.6737,
178.2804, 262.3054

■ 0.3496, 0.5155,
3.1218

202.7386,

■ 0.0000, 0.0000,

219.0725, 316.2337

1.1571

246.2590,
265.6558, 377.0891

■ 0.0000, 0.0000,
0.0000

■ 30.3911, 33.6156,
60.7638

■ 30.3911, 33.6156,
60.7638

■ 26.5340, 29.3388,
60.1422

■ 34.9443, 38.4241,
61.4526

■ 23.3284, 25.5650,
59.5827

■ 40.2278, 43.7832,
62.2085

■ 20.7293, 22.2680,
59.0833

■ 46.2774, 49.7156,
63.0347

■ 18.6838, 19.4166,
58.6408

■ 53.1256, 56.2413,
63.9334

■ 17.1283, 16.9741,
58.2513

■ 60.8028, 63.3791,
64.9065

■ 16.3686, 15.6799,
58.0415

■ 69.3376, 71.1469,
65.9560

■ 78.7575, 79.5619,
67.0838

■ 81.5040, 84.7307,
67.9367

■ 84.1646, 90.0519,
68.8235

Harmonies

Analogous

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



27.2950, 33.6156, 54.0475



30.3911, 33.6156, 60.7638



34.1552, 33.6156, 60.1525

Triad

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



30.3911, 33.6156, 60.7638



39.3650, 33.6156, 30.7685



26.9209, 33.6156, 24.2810

Complementary

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



30.3911, 33.6156, 60.7638



38.7300, 36.5326, 20.6343

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.



29.8430, 33.6156, 20.1739



30.3911, 33.6156, 60.7638



37.1077, 33.6156, 23.3831

Square

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



30.3911, 33.6156, 60.7638



39.5408, 33.6156, 41.3331



33.5626, 33.6156, 19.8812



25.3998, 33.6156, 32.2458

Rectangle

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



30.3911, 33.6156, 60.7638



36.5419, 33.6156, 55.6673



33.5626, 33.6156, 19.8812



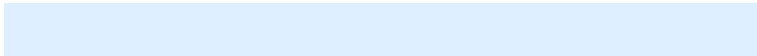
27.7610, 33.6156, 22.4776

Sweetspot

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



30.3922, 33.6169, 60.7646



79.3181, 85.1056, 106.8543



33.5637, 48.0055, 37.0183



16.4564, 17.7124, 22.8014



0.0000, 0.0000, 0.0000



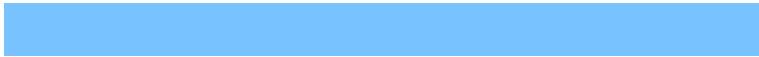
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.3922, 33.6169, 60.7646



45.1242, 49.9010, 101.8613



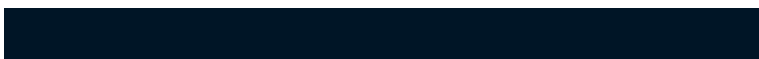
24.0609, 20.9542, 58.6541



11.1052, 11.8508, 14.2725



10.6230, 10.2699, 37.3787



0.6231, 0.6801, 1.9534

Inverse Universe

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



36.7848, 26.9767, 37.4518



57.7051, 38.5635, 55.5932



47.0935, 53.2596, 23.4222



11.4664, 11.3153, 12.9909



17.5729, 8.8397, 10.7354



0.9445, 0.4712, 0.7535

Previews

White Background



This preview shows how the XYZ color 30.3911, 33.6156, 60.7638 looks on a white background.

Color Contrast Check

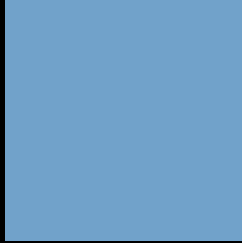
Large Text (above 18pt) WCAG AA × Fail

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 30.3911, 33.6156, 60.7638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

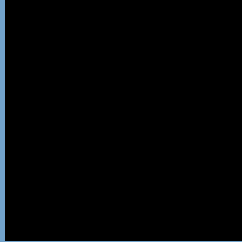
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3911, 33.6156, 60.7638

Background



This preview shows how black text looks on a background with the XYZ color 30.3911, 33.6156, 60.7638.



This preview shows how white text looks on a background with the XYZ color 30.3911, 33.6156,

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

30.3911, 33.6156, 60.7638

Protanopia

33.6534, 33.5849, 57.5321

Deuteranopia

34.3087, 33.5818, 61.8004



Tritanopia

27.8363, 33.6529, 47.6764

Trichromacy



Original Color

30.3911, 33.6156, 60.7638

Protanomaly

32.3672, 33.6456, 58.8211

Deuteranomaly

32.6680, 33.4941, 61.2431

Tritanomaly

28.7314, 33.7493, 52.0137

Monochromacy



Original Color

30.3911, 33.6156, 60.7638

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.6254, 32.0825, 42.6613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3911, 33.6156, 60.7638 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(113, 162, 202)` looks like.

```
.text, #text, p{  
    color:rgb(113, 162, 202)  
}
```

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(113, 162, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 162, 202) }
```

Border

The CSS property to change the border of an element to XYZ 30.3911, 33.6156, 60.7638 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(113, 162, 202) }
```


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

```
.border{ border-color:rgb(113, 162, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 162, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 162, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 162, 202);  
box-shadow:4px 4px 4px 4px rgb(113, 162,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3911, 33.6156, 60.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 162, 202) }
```

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

```
.background{ background-color: rgb(113,  
162, 202) }
```

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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