

Converting Colors

XYZ(31.3930, 37.2917, 59.5154)

Have a look what the booklet for
XYZ(31.3930, 37.2917, 59.5154)
contains.

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Color

**XYZ(31.3158, 37.1365,
59.5504)**

Conversions

Conversions Part 1

Format	Color
Hex	6BADC7
RGB	107, 173, 199
RGB Percent	42%, 68%, 78%
CMY	0.5804, 0.3216, 0.2196
CMYK	0.46, 0.13, 0.00, 0.22
HSL	197°, 45%, 60%
HSV	197°, 46%, 78%
XYZ	31.3158, 37.1365, 59.5504
YIQ	156.2300, -47.6820, -5.9060

Conversions

Conversions Part 2

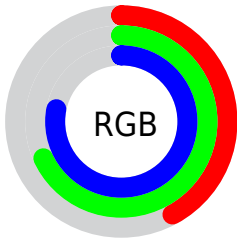
Format	Color
RYB	107, 145, 199
Decimal	7056839
CIELab	67.38, -14.06, -19.80
CIELCh	67, 24.282, 234.632
Yxy	37.1365, 0.2446, 0.2901
Android (android.graphics.Color)	4285246919 (0xFF6BADC7)
YUV	156.2300, 21.0856, -43.1747
Hunter-Lab	60.9397, -14.9167, -15.2805

Details

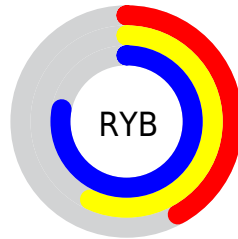
The XYZ color **31.3158, 37.1365, 59.5504** is a light color, and the websafe version is hex **669999**. A complement of this color would be **34.5954, 29.9796, 17.8743**, and the grayscale version is **31.6277, 33.2748, 36.2362**.

A 20% lighter version of the original color is **60.8977, 70.4933, 105.0047**, and **13.2636, 16.3972, 29.2540** is the 20% darker color. If you saturate the color by 10%, you get **28.1374, 33.9314, 59.0999**, and if you desaturate by 10%, it is **35.0925, 40.7190, 60.0435**.

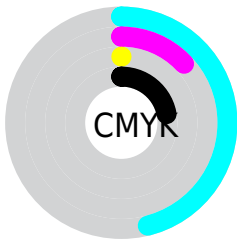
Distribution



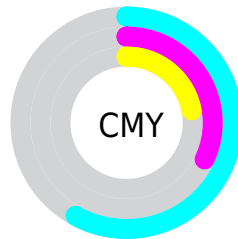
- Red (42%)
- Green (68%)
- Blue (78%)



- Red (42%)
- Yellow (57%)
- Blue (78%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3158, 37.1365, 59.5504 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 31.3158, 37.1365, 59.5504 by changing the saturation by 10% instead.

■ 31.3158, 37.1365,
59.5504

■ 31.3158, 37.1365,
59.5504

299.7915,
333.9011, 440.6971

■ 20.9924, 25.3132,
42.6334

■ 61.1094, 70.7827,
105.7142

■ 13.2309, 16.3106,
29.2683

■ 81.3103, 93.3743,
135.7980

■ 7.6658, 9.7442,
19.0366

■ 105.5345,
120.3242, 171.1080

■ 3.9319, 5.2297,
11.5196

■ 134.1473,
152.0168, 212.0625

■ 1.6637, 2.3826,
6.2989

167.5141,
188.8363, 259.0801

■ 0.4334, 0.8169,
2.9560

206.0001,

■ 0.0000, 0.0000,

231.1673, 312.5794

1.0722

249.9708,
279.3941, 372.9789

■ 0.0000, 0.0000,
0.0000

■ 31.3158, 37.1365,
59.5504

■ 31.3158, 37.1365,
59.5504

■ 28.1374, 33.9314,
59.0999

■ 35.0925, 40.7190,
60.0435

■ 25.5150, 31.0787,
58.6875

■ 39.4991, 44.6937,
60.5784

■ 23.4059, 28.5564,
58.3118

■ 44.5691, 49.0793,
61.1577

■ 21.7593, 26.3373,
57.9703

■ 50.3327, 53.8923,
61.7830

■ 20.5106, 24.3875,
57.6598

■ 56.8179, 59.1478,
62.4556

■ 20.0960, 23.6977,
57.5485

■ 64.0512, 64.8602,
63.1769

■ 72.0579, 71.0433,
63.9484

■ 76.6185, 75.5226,
64.5726

■ 78.1016, 78.4890,
65.0670

Harmonies

Analogous

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



29.1850, 37.1365, 49.5903



31.3158, 37.1365, 59.5504



34.6320, 37.1365, 64.4578

Triad

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



31.3158, 37.1365, 59.5504



42.9100, 37.1365, 42.3828



32.3985, 37.1365, 24.5235

Complementary

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



31.3158, 37.1365, 59.5504



34.5954, 29.9796, 17.8743

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.



35.9707, 37.1365, 23.2739



31.3158, 37.1365, 59.5504



42.2081, 37.1365, 32.4827

Square

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



31.3158, 37.1365, 59.5504



41.4584, 37.1365, 53.4927



39.6024, 37.1365, 25.9229



29.7787, 37.1365, 29.6971

Rectangle

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



31.3158, 37.1365, 59.5504



37.1354, 37.1365, 63.6769



39.6024, 37.1365, 25.9229



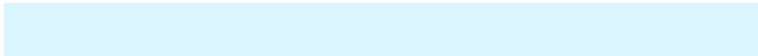
33.5206, 37.1365, 23.6738

Sweetspot

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



31.3170, 37.1379, 59.5513



79.9793, 87.5778, 107.2966



30.6208, 45.6267, 28.8569



16.6695, 18.3648, 22.9161



0.0000, 0.0000, 0.0000



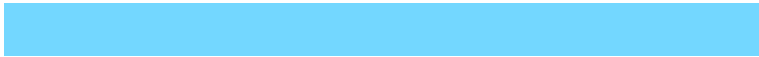
20.3446, 21.4041, 23.3091

Same Dimension

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



31.3170, 37.1379, 59.5513



49.4811, 59.6352, 103.5106



24.1535, 22.8109, 57.1634



10.6836, 11.5413, 13.5821



12.9994, 15.3928, 37.0303



0.6747, 0.8472, 1.7731

Inverse Universe

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



36.3547, 25.6758, 42.5765



59.6551, 38.3896, 68.8024



42.0356, 44.8600, 20.3544



10.9503, 10.7635, 12.7218



18.3608, 9.0939, 17.6419



0.8993, 0.4425, 0.9927

Previews

White Background



This preview shows how the XYZ color 31.3158, 37.1365, 59.5504 looks on a white background.

Color Contrast Check

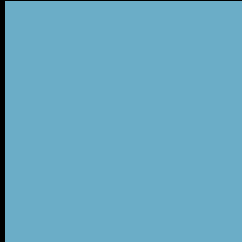
Large Text (above 18pt) WCAG AA × Fail

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 31.3158, 37.1365, 59.5504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

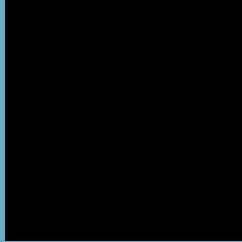
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.3158, 37.1365, 59.5504

Background



This preview shows how black text looks on a background with the XYZ color 31.3158, 37.1365, 59.5504.



This preview shows how white text looks on a background with the XYZ color 31.3158, 37.1365,

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

31.3158, 37.1365, 59.5504

Protanopia

36.4249, 36.8713, 54.4873

Deuteranopia

37.7287, 36.8795, 61.0070



Tritanopia

30.2242, 37.2771, 53.7463

Trichromacy



Original Color

31.3158, 37.1365, 59.5504

Protanomaly

34.0213, 36.6564, 56.3212

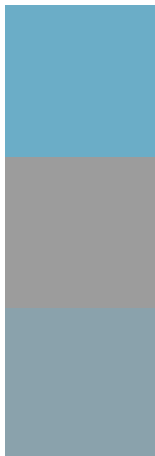
Deuteranomaly

34.9823, 36.7900, 60.5158

Tritanomaly

30.5874, 37.1256, 56.0059

Monochromacy



Original Color

31.3158, 37.1365, 59.5504

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.8480, 34.2225, 44.0095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3158, 37.1365, 59.5504 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(107, 173, 199)` looks like.

```
.text, #text, p{  
    color:rgb(107, 173, 199)  
}
```

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(107, 173, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 173, 199) }
```

Border

The CSS property to change the border of an element to XYZ 31.3158, 37.1365, 59.5504 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(107, 173, 199) }
```


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

```
.border{ border-color:rgb(107, 173, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 173, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 173, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 173, 199);  
box-shadow:4px 4px 4px 4px rgb(107, 173,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3158, 37.1365, 59.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 173, 199) }
```

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

```
.background{ background-color: rgb(107,  
173, 199) }
```

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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