

Converting Colors

XYZ(31.0585, 34.8008, 56.4082)

Have a look what the booklet for
XYZ(31.0585, 34.8008, 56.4082)
contains.

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Color

**XYZ(31.0779, 34.8703,
56.1316)**

Conversions

Conversions Part 1

Format	Color
Hex	79A5C2
RGB	121, 165, 194
RGB Percent	47%, 65%, 76%
CMY	0.5255, 0.3529, 0.2392
CMYK	0.38, 0.15, 0.00, 0.24
HSL	204°, 37%, 62%
HSV	204°, 38%, 76%
XYZ	31.0779, 34.8703, 56.1316
YIQ	155.1500, -35.5330, -0.3090

Conversions

Conversions Part 2

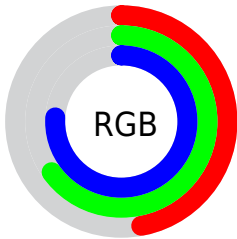
Format	Color
R _Y B	121, 148, 194
Decimal	7972290
CIE Lab	65.65, -7.47, -19.59
CIE LCh	66, 20.969, 249.138
Yxy	34.8703, 0.2546, 0.2856
Android (android.graphics.Color)	4286162370 (0xFF79A5C2)
YUV	155.1500, 19.1531, -29.9495
Hunter-Lab	59.0511, -9.3969, -15.0230

Details

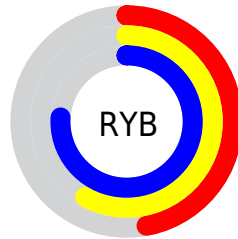
The XYZ color **31.0779, 34.8703, 56.1316** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.6063, 34.6630, 22.8514**, and the grayscale version is **31.1522, 32.7745, 35.6914**.

A 20% lighter version of the original color is **60.9103, 67.3815, 101.0624**, and **13.0226, 14.9326, 27.0069** is the 20% darker color. If you saturate the color by 10%, you get **27.2795, 30.9112, 55.5682**, and if you desaturate by 10%, it is **35.5090, 39.2815, 56.7501**.

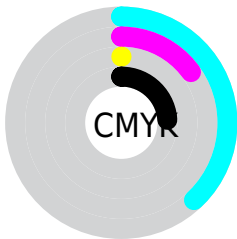
Distribution



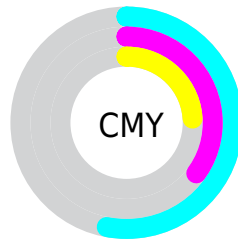
- Red (47%)
- Green (65%)
- Blue (76%)



- Red (47%)
- Yellow (58%)
- Blue (76%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (24%)



- Cyan (53%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0779, 34.8703, 56.1316 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 31.0779, 34.8703, 56.1316 by changing the saturation by 10% instead.

■ 31.0779, 34.8703,
56.1316

■ 31.0779, 34.8703,
56.1316

298.7175,
323.9955, 427.5895

■ 20.8103, 23.5630,
39.9037

■ 60.7377, 67.2848,
100.6847

■ 13.0971, 15.0098,
27.1503

■ 80.8606, 89.1608,
129.8470

■ 7.5729, 8.8262,
17.4527

■ 104.9993,
115.3284, 164.1578

■ 3.8724, 4.6280,
10.3924

133.5192,
146.1721, 204.0358

■ 1.6302, 2.0307,
5.5509

166.7856,
182.0763, 249.8994

■ 0.4120, 0.6252,
2.5097

205.1639,

■ 0.0000, 0.0000,

223.4253, 302.1672

0.8453

249.0194,
270.6036, 361.2577

■ 0.0000, 0.0000,
0.0000

■ 31.0779, 34.8703,
56.1316

■ 31.0779, 34.8703,
56.1316

■ 27.2795, 30.9112,
55.5682

■ 35.5090, 39.2815,
56.7501

■ 24.0761, 27.3801,
55.0555

■ 40.6010, 44.1592,
57.4232

■ 21.4307, 24.2567,
54.5920

■ 46.3846, 49.5220,
58.1535

■ 19.3005, 21.5166,
54.1754

■ 52.8873, 55.3859,
58.9426

■ 17.6356, 19.1316,
53.8028

■ 60.1349, 61.7665,
59.7922

■ 16.3641, 17.0623,
53.4704

■ 68.1523, 68.6783,
60.7038

■ 16.0915, 16.6027,
53.3961

■ 76.2959, 75.7915,
61.6475

■ 78.3527, 79.9050,
62.3331

■ 80.5037, 84.2071,
63.0501

Harmonies

Analogous

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



28.7572, 34.8703, 49.7157



31.0779, 34.8703, 56.1316



34.0930, 34.8703, 57.3037

Triad

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



31.0779, 34.8703, 56.1316



39.3431, 34.8703, 35.3364



29.5426, 34.8703, 26.2698

Complementary

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



31.0779, 34.8703, 56.1316



36.6063, 34.6630, 22.8514

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.



32.2111, 34.8703, 23.5592



31.0779, 34.8703, 56.1316



37.9538, 34.8703, 28.2338

Square

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



31.0779, 34.8703, 56.1316



38.9931, 34.8703, 44.3361



35.2980, 34.8703, 24.2177



27.9097, 34.8703, 32.2406

Rectangle

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



31.0779, 34.8703, 56.1316



36.1124, 34.8703, 54.7992



35.2980, 34.8703, 24.2177



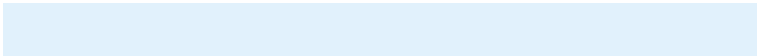
30.3414, 34.8703, 24.9927

Sweetspot

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



31.0790, 34.8717, 56.1324



80.1733, 86.1719, 104.8770



32.6013, 44.8187, 35.3603



17.2367, 18.5743, 22.9267



0.0000, 0.0000, 0.0000



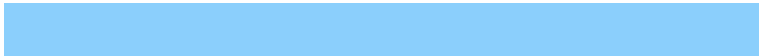
20.3446, 21.4041, 23.3091

Same Dimension

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



31.0790, 34.8717, 56.1324



50.6551, 57.3147, 100.8628



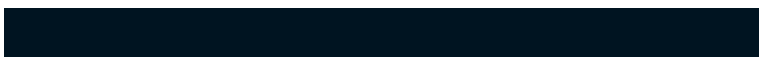
25.5422, 23.7980, 54.2868



10.0219, 10.7352, 12.8287



10.6615, 11.0794, 35.1332



0.5264, 0.6103, 1.5399

Inverse Universe

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



35.8780, 27.8617, 39.0857



60.8205, 43.7214, 64.4717



43.1503, 47.7511, 25.0327



10.3224, 10.1776, 11.7881



16.7774, 8.4007, 12.0057



0.7581, 0.3763, 0.6936

Previews

White Background



This preview shows how the XYZ color 31.0779, 34.8703, 56.1316 looks on a white background.

Color Contrast Check

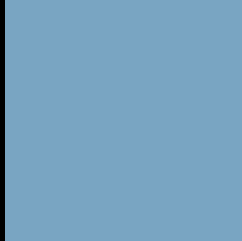
Large Text (above 18pt) WCAG AA × Fail

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 31.0779, 34.8703, 56.1316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

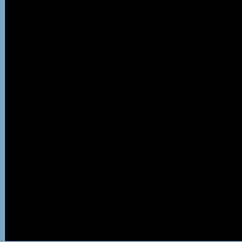
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0779, 34.8703, 56.1316

Background



This preview shows how black text looks on a background with the XYZ color 31.0779, 34.8703, 56.1316.

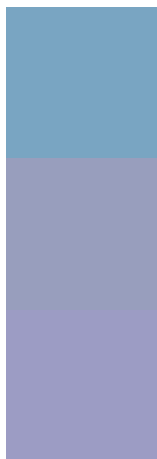


This preview shows how white text looks on a background with the XYZ color 31.0779, 34.8703,

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

31.0779, 34.8703, 56.1316

Protanopia

34.3611, 34.8032, 53.0508

Deuteranopia

35.5626, 34.8304, 57.0731



Tritanopia

29.6304, 34.8252, 48.8763

Trichromacy



Original Color

31.0779, 34.8703, 56.1316

Protanomaly

33.1333, 34.9140, 54.2830

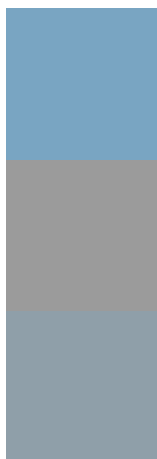
Deuteranomaly

33.5762, 34.5760, 56.5339

Tritanomaly

30.1069, 34.7395, 51.5730

Monochromacy



Original Color

31.0779, 34.8703, 56.1316

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8873, 33.5005, 42.3744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0779, 34.8703, 56.1316 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(121, 165, 194)` looks like.

```
.text, #text, p{  
    color:rgb(121, 165, 194)  
}
```

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(121, 165, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 165, 194) }
```

Border

The CSS property to change the border of an element to XYZ 31.0779, 34.8703, 56.1316 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(121, 165, 194) }
```


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

```
.border{ border-color:rgb(121, 165, 194) }
```

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

Here you see how a box with a 4 pixel rgb(121, 165, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 165, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 165, 194);  
box-shadow:4px 4px 4px 4px rgb(121, 165,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0779, 34.8703, 56.1316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 165, 194) }
```

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

```
.background{ background-color: rgb(121,  
165, 194) }
```

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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