

Converting Colors

XYZ(30.6705, 34.1592, 52.1834)

Have a look what the booklet for
XYZ(30.6705, 34.1592, 52.1834)
contains.

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Color

**XYZ(30.6710, 34.2179,
52.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA3BB
RGB	126, 163, 187
RGB Percent	49%, 64%, 73%
CMY	0.5059, 0.3608, 0.2667
CMYK	0.33, 0.13, 0.00, 0.27
HSL	204°, 31%, 61%
HSV	204°, 33%, 73%
XYZ	30.6710, 34.2179, 52.0019
YIQ	154.6730, -29.7560, -0.3800

Conversions

Conversions Part 2

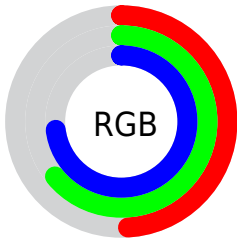
Format	Color
RYB	126, 149, 187
Decimal	8299451
CIELab	65.14, -6.77, -16.44
CIElCh	65, 17.783, 247.628
Yxy	34.2179, 0.2624, 0.2927
Android (android.graphics.Color)	4286489531 (0xFF7EA3BB)
YUV	154.6730, 15.9372, -25.1462
Hunter-Lab	58.4961, -8.7760, -11.7604

Details

The XYZ color **30.6710, 34.2179, 52.0019** is a light color, and the websafe version is hex **669999**. A complement of this color would be **35.1662, 33.8841, 24.4263**, and the grayscale version is **30.9534, 32.5654, 35.4637**.

A 20% lighter version of the original color is **60.0715, 66.3172, 94.4284**, and **12.8116, 14.5460, 24.6867** is the 20% darker color. If you saturate the color by 10%, you get **26.8988, 30.3909, 51.4626**, and if you desaturate by 10%, it is **35.0368, 38.4653, 52.5922**.

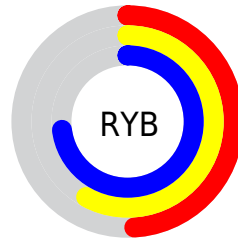
Distribution



Red (49%)

Green (64%)

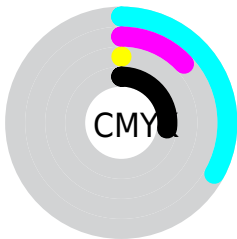
Blue (73%)



Red (49%)

Yellow (58%)

Blue (73%)

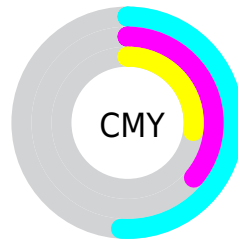


Cyan (33%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6710, 34.2179, 52.0019 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 30.6710, 34.2179, 52.0019 by changing the saturation by 10% instead.

■ 30.6710, 34.2179,
52.0019

■ 30.6710, 34.2179,
52.0019

296.8738,
321.1026, 411.4011

■ 20.4990, 23.0610,
36.6243

■ 60.1011, 66.2724,
94.5607

■ 12.8687, 14.6386,
24.6233

■ 80.0899, 87.9388,
122.5789

■ 7.4146, 8.5661,
15.5801

■ 104.0818,
113.8772, 155.6478

■ 3.7713, 4.4593,
9.0764

132.4420,
144.4719, 194.1860

■ 1.5736, 1.9337,
4.6936

165.5360,
180.1075, 238.6118

■ 0.3751, 0.5685,
2.0130

203.7290,

■ 0.0000, 0.0000,

221.1681, 289.3439

0.5633

247.3865,
268.0384, 346.8008

■ 0.0000, 0.0000,
0.0000

■ 30.6710, 34.2179,
52.0019

■ 30.6710, 34.2179,
52.0019

■ 26.8988, 30.3909,
51.4626

■ 35.0368, 38.4653,
52.5922

■ 23.6869, 26.9629,
50.9702

■ 40.0207, 43.1453,
53.2329

■ 21.0034, 23.9162,
50.5236

■ 45.6499, 48.2744,
53.9262

■ 18.8118, 21.2301,
50.1206

■ 51.9486, 53.8669,
54.6737

■ 17.0700, 18.8808,
49.7590

■ 58.9399, 59.9364,
55.4767

■ 15.7282, 16.8405,
49.4359

■ 66.6458, 66.4960,
56.3367

■ 14.9232, 15.4948,
49.2186

■ 74.3835, 73.1953,
57.2220

■ 76.2935, 77.0153,
57.8586

■ 78.2887, 81.0058,
58.5237

Harmonies

Analogous

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



28.7499, 34.2179, 46.6230



30.6710, 34.2179, 52.0019



33.1861, 34.2179, 53.1895

Triad

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



30.6710, 34.2179, 52.0019



37.6925, 34.2179, 35.4031



29.5871, 34.2179, 27.0991

Complementary

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



30.6710, 34.2179, 52.0019



35.1662, 33.8841, 24.4263

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.



31.8690, 34.2179, 24.8743



30.6710, 34.2179, 52.0019



36.6128, 34.2179, 29.2385

Square

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



30.6710, 34.2179, 52.0019



37.3301, 34.2179, 42.9316



34.4483, 34.2179, 25.6022



28.1476, 34.2179, 32.1067

Rectangle

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



30.6710, 34.2179, 52.0019



34.8784, 34.2179, 51.3173



34.4483, 34.2179, 25.6022



30.2762, 34.2179, 26.0334

Sweetspot

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



30.6721, 34.2193, 52.0027



74.0451, 79.4543, 95.6350



31.8307, 42.1592, 35.0552



16.0043, 17.2198, 21.0228



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.6721, 34.2193, 52.0027



50.0870, 56.4020, 92.4482



25.9781, 24.8313, 50.4380



9.4849, 10.1622, 12.1338



10.3540, 10.8198, 33.9356



0.4676, 0.5479, 1.3500

Inverse Universe

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



34.5661, 28.1317, 38.2600



58.2873, 44.4417, 63.3150



40.5578, 44.6673, 26.2235



9.7666, 9.6310, 11.1601



16.2270, 8.1220, 11.7549



0.6669, 0.3307, 0.6253

Previews

White Background



This preview shows how the XYZ color 30.6710, 34.2179, 52.0019 looks on a white background.

Color Contrast Check

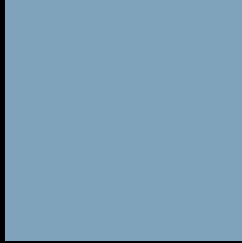
Large Text (above 18pt) WCAG AA × Fail

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 30.6710, 34.2179, 52.0019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

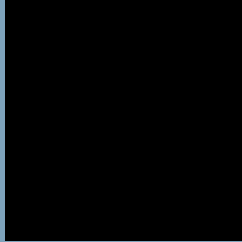
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6710, 34.2179, 52.0019

Background



This preview shows how black text looks on a background with the XYZ color 30.6710, 34.2179, 52.0019.



This preview shows how white text looks on a background with the XYZ color 30.6710, 34.2179,

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

30.6710, 34.2179, 52.0019

Protanopia

33.5726, 33.9681, 49.5868

Deuteranopia

34.8415, 34.0544, 52.8809



Tritanopia

29.8032, 34.4097, 47.1904

Trichromacy



Original Color

30.6710, 34.2179, 52.0019

Protanomaly

32.3776, 34.0966, 50.2222

Deuteranomaly

32.9881, 33.8558, 52.3731

Tritanomaly

30.0734, 34.2471, 48.7414

Monochromacy



Original Color

30.6710, 34.2179, 52.0019

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7035, 33.1730, 41.3440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6710, 34.2179, 52.0019 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(126, 163, 187)` looks like.

```
.text, #text, p{  
    color:rgb(126, 163, 187)  
}
```

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(126, 163, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 163, 187) }
```

Border

The CSS property to change the border of an element to XYZ 30.6710, 34.2179, 52.0019 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(126, 163, 187) }
```


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

```
.border{ border-color:rgb(126, 163, 187) }
```

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

Here you see how a box with a 4 pixel rgb(126, 163, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 163, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 163, 187);  
box-shadow:4px 4px 4px 4px rgb(126, 163,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6710, 34.2179, 52.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 163, 187) }
```

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

```
.background{ background-color: rgb(126,  
163, 187) }
```

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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