

Converting Colors

XYZ(30.2340, 34.3516, 50.6725)

Have a look what the booklet for
XYZ(30.2340, 34.3516, 50.6725)
contains.

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Color

**XYZ(30.2008, 34.2647,
50.9209)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA4B9
RGB	123, 164, 185
RGB Percent	48%, 64%, 73%
CMY	0.5176, 0.3569, 0.2745
CMYK	0.34, 0.11, 0.00, 0.27
HSL	200°, 31%, 60%
HSV	200°, 34%, 73%
XYZ	30.2008, 34.2647, 50.9209
YIQ	154.1350, -31.1770, -2.1610

Conversions

Conversions Part 2

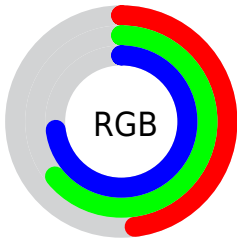
Format	Color
R _Y B	123, 148, 185
Decimal	8103097
CIE Lab	65.17, -8.69, -15.29
CIE LCh	65, 17.587, 240.389
Yxy	34.2647, 0.2617, 0.2970
Android (android.graphics.Color)	4286293177 (0xFF7BA4B9)
YUV	154.1350, 15.2164, -27.3054
Hunter-Lab	58.5361, -10.3437, -10.6015

Details

The XYZ color **30.2008, 34.2647, 50.9209** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.5565, 31.6912, 23.0882**, and the grayscale version is **30.7204, 32.3202, 35.1967**.

A 20% lighter version of the original color is **59.3402, 66.3610, 92.9005**, and **12.5576, 14.5939, 23.9848** is the 20% darker color. If you saturate the color by 10%, you get **26.7066, 30.8403, 50.4447**, and if you desaturate by 10%, it is **34.2524, 38.0601, 51.4405**.

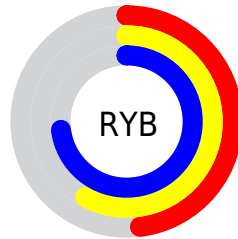
Distribution



Red (48%)

Green (64%)

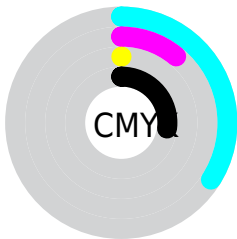
Blue (73%)



Red (48%)

Yellow (58%)

Blue (73%)

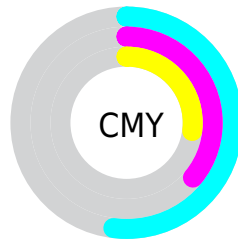


Cyan (34%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (52%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2008, 34.2647, 50.9209 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 30.2008, 34.2647, 50.9209 by changing the saturation by 10% instead.

■ 30.2008, 34.2647,
50.9209

■ 30.2008, 34.2647,
50.9209

294.7324,
321.3107, 407.0942

■ 20.1399, 23.0970,
35.7694

■ 59.3640, 66.3451,
92.9481

■ 12.6056, 14.6652,
23.9678

■ 79.1971, 88.0266,
120.6609

■ 7.2327, 8.5847,
15.0978

■ 103.0182,
113.9815, 153.3979

■ 3.6556, 4.4713,
8.7407

131.1927,
144.5942, 191.5776

■ 1.5092, 1.9406,
4.4779

164.0861,
180.2490, 235.6185

■ 0.3321, 0.5726,
1.8910

202.0635,

■ 0.0000, 0.0000,

221.3305, 285.9392

0.4870

245.4905,
268.2229, 342.9582

■ 0.0000, 0.0000,
0.0000

■ 30.2008, 34.2647,
50.9209

■ 30.2008, 34.2647,
50.9209

■ 26.7066, 30.8403,
50.4447

■ 34.2524, 38.0601,
51.4405

■ 23.7378, 27.7668,
50.0079

■ 38.8852, 42.2374,
52.0027

■ 21.2633, 25.0278,
49.6097

■ 44.1251, 46.8120,
52.6095

■ 19.2478, 22.6039,
49.2480

■ 49.9956, 51.7971,
53.2623

■ 17.6503, 20.4726,
48.9208

■ 56.5189, 57.2051,
53.9623

■ 16.4220, 18.6076,
48.6256

■ 63.7160, 63.0481,
54.7108

■ 15.7590, 17.5066,
48.4480

■ 71.6069, 69.3373,
55.5088

■ 74.0762, 72.9211,
56.0704

■ 75.6938, 76.1564,
56.6097

Harmonies

Analogous

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



28.5123, 34.2647, 44.8853



30.2008, 34.2647, 50.9209



32.6010, 34.2647, 53.2142

Triad

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



30.2008, 34.2647, 50.9209



37.7294, 34.2647, 37.2129



30.1459, 34.2647, 26.4437

Complementary

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



30.2008, 34.2647, 50.9209



33.5565, 31.6912, 23.0882

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.



32.5342, 34.2647, 24.9373



30.2008, 34.2647, 50.9209



36.9902, 34.2647, 30.6362

Square

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



30.2008, 34.2647, 50.9209



37.0265, 34.2647, 44.6983



35.0549, 34.2647, 26.3678



28.4818, 34.2647, 30.7816

Rectangle

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



30.2008, 34.2647, 50.9209



34.3087, 34.2647, 52.1058



35.0549, 34.2647, 26.3678



30.8864, 34.2647, 25.6168

Sweetspot

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



30.2019, 34.2661, 50.9217



72.6618, 78.3093, 93.4901



30.5267, 40.9130, 32.5411



15.3902, 16.6408, 20.1224



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.2019, 34.2661, 50.9217



49.5217, 56.9223, 90.5816



25.3594, 24.5811, 49.3075



9.0036, 9.6844, 11.4742



10.7998, 12.0593, 33.0115



0.4355, 0.5347, 1.1820

Inverse Universe

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



33.7922, 27.1614, 38.5851



57.0697, 42.8809, 64.4461



38.8486, 42.2754, 24.8522



9.2482, 9.1096, 10.6542



16.0649, 7.9997, 13.4946



0.5940, 0.2931, 0.6214

Previews

White Background



This preview shows how the XYZ color 30.2008, 34.2647, 50.9209 looks on a white background.

Color Contrast Check

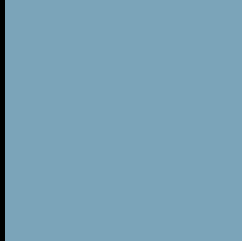
Large Text (above 18pt) WCAG AA × Fail

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 30.2008, 34.2647, 50.9209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

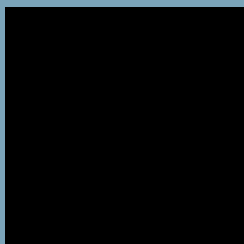
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

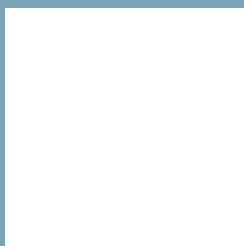
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2008, 34.2647, 50.9209

Background



This preview shows how black text looks on a background with the XYZ color 30.2008, 34.2647, 50.9209.



This preview shows how white text looks on a background with the XYZ color 30.2008, 34.2647,

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

30.2008, 34.2647, 50.9209

Protanopia

33.4531, 33.9422, 47.9684

Deuteranopia

34.8233, 34.0700, 51.7545



Tritanopia

29.3762, 34.1896, 47.1704

Trichromacy



Original Color

30.2008, 34.2647, 50.9209

Protanomaly

32.1693, 34.0133, 49.1257

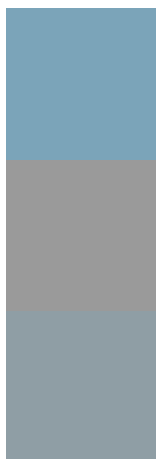
Deuteranomaly

32.9438, 34.1099, 51.3019

Tritanomaly

29.8217, 34.3840, 48.7811

Monochromacy



Original Color

30.2008, 34.2647, 50.9209

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.3461, 33.0100, 40.3695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2008, 34.2647, 50.9209 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(123, 164, 185)` looks like.

```
.text, #text, p{  
    color:rgb(123, 164, 185)  
}
```

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(123, 164, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 164, 185) }
```

Border

The CSS property to change the border of an element to XYZ 30.2008, 34.2647, 50.9209 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(123, 164, 185) }
```


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

```
.border{ border-color:rgb(123, 164, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 164, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 164, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 164, 185);  
box-shadow:4px 4px 4px 4px rgb(123, 164,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2008, 34.2647, 50.9209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 164, 185) }
```

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

```
.background{ background-color: rgb(123,  
164, 185) }
```

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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