

Converting Colors

XYZ(30.2500, 32.0798, 54.7731)

Have a look what the booklet for
XYZ(30.2500, 32.0798, 54.7731)
contains.

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Color

**XYZ(30.4162, 32.2164,
55.0674)**

Conversions

Conversions Part 1

Format	Color
Hex	809CC1
RGB	128, 156, 193
RGB Percent	50%, 61%, 76%
CMY	0.4980, 0.3882, 0.2431
CMYK	0.34, 0.19, 0.00, 0.24
HSL	214°, 34%, 63%
HSV	214°, 34%, 76%
XYZ	30.4162, 32.2164, 55.0674
YIQ	151.8460, -28.5650, 5.5710

Conversions

Conversions Part 2

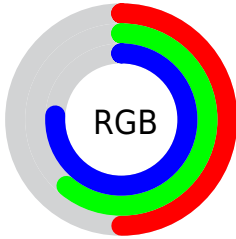
Format	Color
R _Y B	128, 148, 193
Decimal	8428737
CIE Lab	63.52, -0.76, -22.24
CIE LCh	64, 22.254, 268.030
Yxy	32.2164, 0.2584, 0.2737
Android (android.graphics.Color)	4286618817 (0xFF809CC1)
YUV	151.8460, 20.2889, -20.9129
Hunter-Lab	56.7595, -3.6748, -17.7908

Details

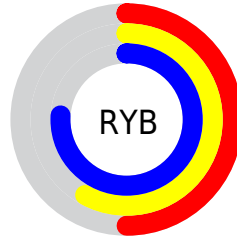
The XYZ color **30.4162, 32.2164, 55.0674** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.3443, 39.8068, 26.0329**, and the grayscale version is **29.7036, 31.2505, 34.0318**.

A 20% lighter version of the original color is **59.5933, 62.9404, 99.4503**, and **12.6923, 13.5037, 26.3636** is the 20% darker color. If you saturate the color by 10%, you get **26.0239, 27.3387, 54.3580**, and if you desaturate by 10%, it is **35.5295, 37.7148, 55.8598**.

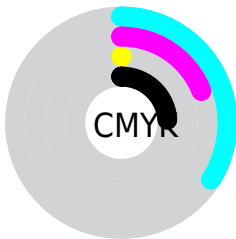
Distribution



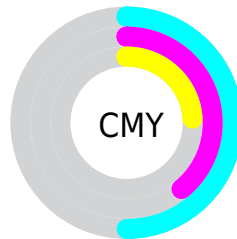
- Red (50%)
- Green (61%)
- Blue (76%)



- Red (50%)
- Yellow (58%)
- Blue (76%)



- Cyan (34%)
- Magenta (19%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (39%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4162, 32.2164, 55.0674 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 30.4162, 32.2164, 55.0674 by changing the saturation by 10% instead.

■ 30.4162, 32.2164,
55.0674

■ 30.4162, 32.2164,
55.0674

295.7148,
312.1038, 423.4565

■ 20.3044, 21.5268,
39.0567

■ 59.7019, 63.1502,
99.1118

■ 12.7260, 13.5096,
26.4957

■ 79.6064, 84.1632,
127.9827

■ 7.3158, 7.7804,
16.9657

■ 103.5059,
109.3861, 161.9773

■ 3.7085, 3.9548,
10.0484

131.7657,
139.2034, 201.5143

■ 1.5386, 1.6483,
5.3250

164.7511,
173.9995, 247.0122

■ 0.3519, 0.3898,
2.3771

202.8275,

■ 0.0000, 0.0000,

214.1586, 298.8895

0.7740

246.3603,
260.0653, 357.5647

■ 0.0000, 0.0000,
0.0000

■ 30.4162, 32.2164,
55.0674

■ 30.4162, 32.2164,
55.0674

■ 26.0239, 27.3387,
54.3580

■ 35.5295, 37.7148,
55.8598

■ 22.3137, 23.0529,
53.7263

■ 41.3938, 43.8534,
56.7355

■ 19.2475, 19.3333,
53.1699

■ 48.0411, 50.6556,
57.6982

■ 16.7818, 16.1504,
52.6855

■ 55.5006, 58.1422,
58.7501

■ 14.8669, 13.4711,
52.2693

■ 63.8000, 66.3332,
59.8937

■ 13.4438, 11.2570,
51.9169

■ 72.9655, 75.2476,
61.1312

■ 12.7299, 10.0585,
51.7232

■ 79.9776, 83.3341,
62.3225

■ 83.1835, 89.7458,
63.3911

■ 86.5863, 96.5515,
64.5254

Harmonies

Analogous

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



27.5703, 32.2164, 51.6548



30.4162, 32.2164, 55.0674



33.5098, 32.2164, 52.4184

Triad

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



30.4162, 32.2164, 55.0674



36.1926, 32.2164, 27.6480



25.8348, 32.2164, 26.7895

Complementary

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



30.4162, 32.2164, 55.0674



39.3443, 39.8068, 26.0329

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.



27.9026, 32.2164, 22.0581



30.4162, 32.2164, 55.0674



33.8883, 32.2164, 22.4918

Square

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



30.4162, 32.2164, 55.0674



36.9763, 32.2164, 35.6685



30.8262, 32.2164, 20.6271



25.0386, 32.2164, 34.4944

Rectangle

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



30.4162, 32.2164, 55.0674



35.2725, 32.2164, 47.7852



30.8262, 32.2164, 20.6271



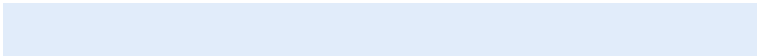
26.3971, 32.2164, 24.8508

Sweetspot

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



30.4172, 32.2177, 55.0681



78.1650, 82.6930, 102.2019



34.7492, 45.4404, 42.4581



16.4168, 17.3783, 21.8744



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.4172, 32.2177, 55.0681



48.8765, 51.5146, 97.7275



26.9137, 24.2221, 53.7095



9.8771, 10.4456, 12.7805



8.5430, 6.8424, 34.4271



0.4375, 0.4323, 1.5103

Inverse Universe

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



35.7131, 29.1771, 35.2033



59.9111, 45.9494, 56.1642



43.8706, 50.4754, 27.8535



10.2493, 10.1483, 11.4033



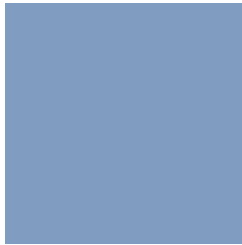
15.7081, 7.9730, 6.3747



0.7132, 0.3583, 0.4571

Previews

White Background



This preview shows how the XYZ color 30.4162, 32.2164, 55.0674 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 30.4162, 32.2164, 55.0674 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

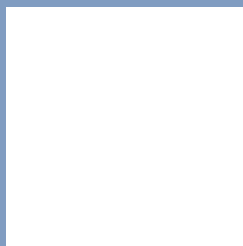
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4162, 32.2164, 55.0674

Background



This preview shows how black text looks on a background with the XYZ color 30.4162, 32.2164, 55.0674.

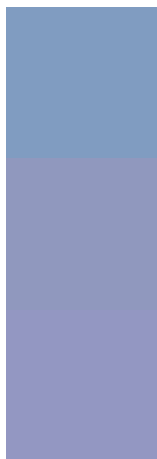


This preview shows how white text looks on a background with the XYZ color 30.4162, 32.2164,

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

30.4162, 32.2164, 55.0674

Protanopia

32.0241, 32.1035, 53.2239

Deuteranopia

32.8368, 32.2313, 55.5295



Tritanopia

28.1856, 32.3311, 43.7847

Trichromacy



Original Color

30.4162, 32.2164, 55.0674

Protanomaly

31.2764, 31.9473, 53.8082

Deuteranomaly

31.9441, 32.2530, 55.5807

Tritanomaly

29.0938, 32.4515, 47.9104

Monochromacy



Original Color

30.4162, 32.2164, 55.0674

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.6940, 31.4121, 41.0573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4162, 32.2164, 55.0674 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(128, 156, 193)` looks like.

```
.text, #text, p{  
    color:rgb(128, 156, 193)  
}
```

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(128, 156, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 156, 193) }
```

Border

The CSS property to change the border of an element to XYZ 30.4162, 32.2164, 55.0674 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(128, 156, 193) }
```


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

```
.border{ border-color:rgb(128, 156, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 156, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 156, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 156, 193);  
box-shadow:4px 4px 4px 4px rgb(128, 156,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4162, 32.2164, 55.0674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 156, 193) }
```

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

```
.background{ background-color: rgb(128,  
156, 193) }
```

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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