

Converting Colors

XYZ(30.5308, 34.2054, 73.3998)

Have a look what the booklet for
XYZ(30.5308, 34.2054, 73.3998)
contains.

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Color

**XYZ(30.5308, 34.2054,
73.3998)**

Conversions

Conversions Part 1

Format	Color
Hex	58A5DD
RGB	88, 165, 221
RGB Percent	35%, 65%, 87%
CMY	0.6549, 0.3529, 0.1333
CMYK	0.60, 0.25, 0.00, 0.13
HSL	205°, 66%, 61%
HSV	205°, 60%, 87%
XYZ	30.5308, 34.2054, 73.3998
YIQ	148.3610, -63.8680, 1.0920

Conversions

Conversions Part 2

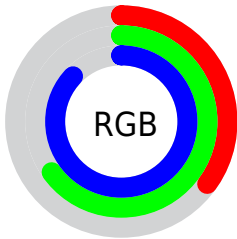
Format	Color
R _Y B	88, 137, 221
Decimal	5809629
CIE Lab	65.13, -7.25, -35.49
CIE LCh	65, 36.226, 258.456
Yxy	34.2054, 0.2210, 0.2476
Android (android.graphics.Color)	4283999709 (0xFF58A5DD)
YUV	148.3610, 35.8110, -52.9366
Hunter-Lab	58.4854, -9.1681, -33.4698

Details

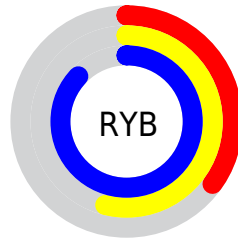
The XYZ color **30.5308, 34.2054, 73.3998** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **41.5551, 36.0254, 13.9975**, and the grayscale version is **28.1745, 29.6417, 32.2798**.

A 20% lighter version of the original color is **55.8559, 64.7023, 104.1526**, and **12.7881, 14.5634, 38.2134** is the 20% darker color. If you saturate the color by 10%, you get **27.1294, 30.0508, 72.7778**, and if you desaturate by 10%, it is **34.6906, 38.9335, 74.0938**.

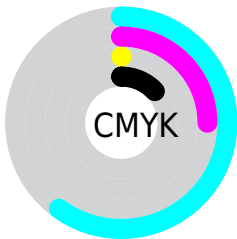
Distribution



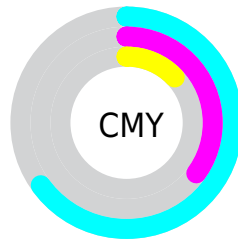
- Red (35%)
- Green (65%)
- Blue (87%)



- Red (35%)
- Yellow (54%)
- Blue (87%)



- Cyan (60%)
- Magenta (25%)
- Yellow (0%)
- Black (13%)



- Cyan (65%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5308, 34.2054, 73.3998 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 30.5308, 34.2054, 73.3998 by changing the saturation by 10% instead.

■ 30.5308, 34.2054,
73.3998

■ 30.5308, 34.2054,
73.3998

296.2365,
321.0470, 491.5072

■ 20.3919, 23.0514,
53.8091

■ 59.8815, 66.2530,
125.7708

■ 12.7902, 14.6315,
38.0569

■ 79.8240, 87.9153,
159.3882

■ 7.3602, 8.5612,
25.7247

■ 103.7650,
113.8493, 198.5182

■ 3.7367, 4.4561,
16.3939

■ 132.0701,
144.4393, 243.5795

■ 1.5543, 1.9318,
9.6459

165.1043,
180.0696, 294.9904

■ 0.3623, 0.5674,
5.0623

203.2333,

■ 0.0000, 0.0000,

221.1248, 353.1697

2.2245

246.8222,
267.9891, 418.5358

■ 0.0000, 0.0000,
0.6885

■ 0.0000, 0.0000,
0.0000

■ 30.5308, 34.2054,
73.3998

■ 30.5308, 34.2054,
73.3998

■ 27.1294, 30.0508,
72.7778

■ 34.6906, 38.9335,
74.0938

■ 24.4210, 26.4303,
72.2217

■ 39.6598, 44.2633,
74.8607

■ 22.3335, 23.3034,
71.7282

■ 45.4884, 50.2248,
75.7042

■ 20.7633, 20.6446,
71.2978

■ 52.2213, 56.8447,
76.6271

■ 59.9002, 64.1477,
77.6320

■ 68.5639, 72.1573,
78.7214

■ 78.2488, 80.8955,
79.8975

■ 85.2887, 88.4754,
80.9896

■ 88.0904, 94.0788,
81.9235

Harmonies

Analogous

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



26.2600, 34.2054, 63.3722



30.5308, 34.2054, 73.3998



35.8161, 34.2054, 71.9894

Triad

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



30.5308, 34.2054, 73.3998



43.0686, 34.2054, 28.8133



25.5199, 34.2054, 21.1601

Complementary

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



30.5308, 34.2054, 73.3998



41.5551, 36.0254, 13.9975

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.



29.4161, 34.2054, 15.9857



30.5308, 34.2054, 73.3998



39.6833, 34.2054, 19.5124

Square

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



30.5308, 34.2054, 73.3998



43.4500, 34.2054, 43.3402



34.5755, 34.2054, 15.4773



23.5821, 34.2054, 31.7479

Rectangle

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



30.5308, 34.2054, 73.3998



39.2088, 34.2054, 64.8114



34.5755, 34.2054, 15.4773



26.6233, 34.2054, 18.8682

Sweetspot

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



30.5320, 34.2066, 73.4006



74.2742, 80.5928, 106.2490



34.8718, 55.7845, 35.0838



15.2680, 16.6427, 22.6576



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.



30.5320, 34.2066, 73.4006



36.5373, 40.2934, 100.4594



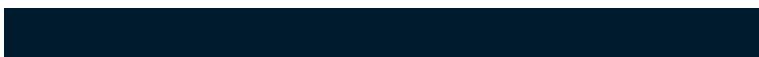
21.5469, 16.2364, 70.4056



12.9616, 13.8630, 16.6448



12.1760, 12.2215, 41.4556



0.8734, 0.9609, 2.7139

Inverse Universe

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



40.1012, 25.0697, 38.3237



51.5238, 29.0195, 44.8436



54.6073, 62.1298, 18.3483



13.3705, 13.1773, 15.2123



19.6412, 9.8575, 13.0226



1.3151, 0.6557, 1.0685

Previews

White Background



This preview shows how the XYZ color 30.5308, 34.2054, 73.3998 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 30.5308, 34.2054, 73.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

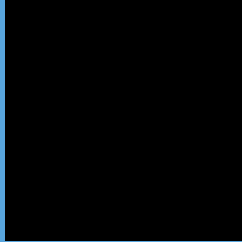
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5308, 34.2054, 73.3998

Background



This preview shows how black text looks on a background with the XYZ color 30.5308, 34.2054, 73.3998.

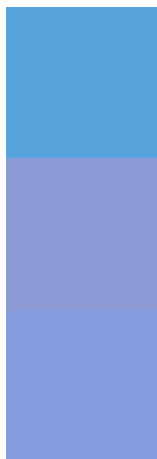


This preview shows how white text looks on a background with the XYZ color 30.5308, 34.2054,

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

30.5308, 34.2054, 73.3998

Protanopia

34.5468, 33.8222, 67.6583

Deuteranopia

34.8806, 34.0912, 74.5539



Tritanopia

26.1820, 34.3855, 51.1561

Trichromacy



Original Color

30.5308, 34.2054, 73.3998

Protanomaly

32.6780, 33.8191, 69.7712

Deuteranomaly

32.9191, 33.8521, 73.9063

Tritanomaly

27.5229, 34.0729, 58.5522

Monochromacy



Original Color

30.5308, 34.2054, 73.3998

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8976, 30.6420, 45.0016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5308, 34.2054, 73.3998 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(88, 165, 221)` looks like.

```
.text, #text, p{  
    color:rgb(88, 165, 221)  
}
```

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(88, 165, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 165, 221) }
```

Border

The CSS property to change the border of an element to XYZ 30.5308, 34.2054, 73.3998 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(88, 165, 221) }
```


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

```
.border{ border-color:rgb(88, 165, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 165, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 165, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 165, 221);  
box-shadow:4px 4px 4px 4px rgb(88, 165,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5308, 34.2054, 73.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 165, 221) }
```

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

```
.background{ background-color: rgb(88, 165,  
221) }
```

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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