

Converting Colors

XYZ(30.4107, 35.1629, 64.2158)

Have a look what the booklet for
XYZ(30.4107, 35.1629, 64.2158)
contains.

| | |
|--|----|
| XYZ(30.4107, 35.1629, 64.2158) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(30.4107, 35.1629,
64.2158)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 63A8CF |
| RGB | 99, 168, 207 |
| RGB Percent | 39%, 66%, 81% |
| CMY | 0.6117, 0.3412, 0.1882 |
| CMYK | 0.52, 0.19, 0.00, 0.19 |
| HSL | 202°, 53%, 60% |
| HSV | 202°, 52%, 81% |
| XYZ | 30.4107, 35.1629, 64.2158 |
| YIQ | 151.8150, -53.6430, -2.4990 |

Conversions

Conversions Part 2

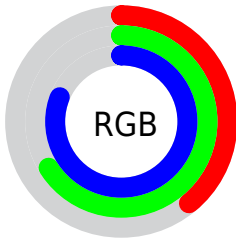
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 99, 141, 207 |
| Decimal | 6531279 |
| CIE _{Lab} | 65.88, -10.93, -26.56 |
| CIE _{LCh} | 66, 28.720, 247.627 |
| Yxy | 35.1629, 0.2343, 0.2709 |
| Android (android.graphics.Color) | 4284721359 (0xFF63A8CF) |
| YUV | 151.8150, 27.2062, -46.3188 |
| Hunter-Lab | 59.2983, -12.2296, -22.6980 |

Details

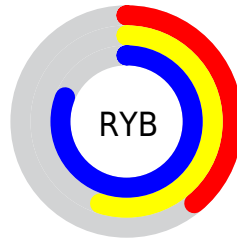
The XYZ color **30.4107, 35.1629, 64.2158** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **37.0738, 32.3444, 16.0947**, and the grayscale version is **29.6694, 31.2145, 33.9926**.

A 20% lighter version of the original color is **58.1480, 67.0633, 104.4875**, and **12.7581, 15.1840, 32.3954** is the 20% darker color. If you saturate the color by 10%, you get **27.0920, 31.4626, 63.6771**, and if you desaturate by 10%, it is **34.3906, 39.3233, 64.8097**.

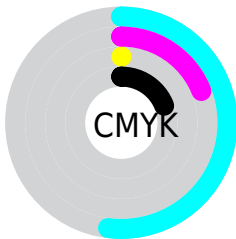
Distribution



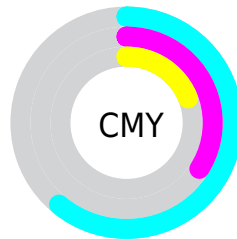
- Red (39%)
- Green (66%)
- Blue (81%)



- Red (39%)
- Yellow (55%)
- Blue (81%)



- Cyan (52%)
- Magenta (19%)
- Yellow (0%)
- Black (19%)



- Cyan (61%)
- Magenta (34%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4107, 35.1629, 64.2158 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 30.4107, 35.1629, 64.2158 by changing the saturation by 10% instead.

■ 30.4107, 35.1629,
64.2158

■ 30.4107, 35.1629,
64.2158

295.6897,
325.2868, 458.1974

■ 20.3001, 23.7884,
46.3782

■ 59.6933, 67.7380,
112.5241

■ 12.7229, 15.1767,
32.1935

■ 79.5960, 89.7075,
143.8319

■ 7.3137, 8.9435,
21.2433

■ 103.4934,
115.9773, 180.4668

■ 3.7071, 4.7044,
13.1090

■ 131.7510,
146.9320, 222.8474

■ 1.5378, 2.0749,
7.3720

164.7341,
182.9559, 271.3922

■ 0.3514, 0.6504,
3.6139

202.8080,

■ 0.0000, 0.0000,

224.4334, 326.5198

1.4160

246.3381,
271.7489, 388.6487

■ 0.0000, 0.0000,
0.1542

■ 0.0000, 0.0000,
0.0000

■ 30.4107, 35.1629,
64.2158

■ 30.4107, 35.1629,
64.2158

■ 27.0920, 31.4626,
63.6771

■ 34.3906, 39.3233,
64.8097

■ 24.3845, 28.1925,
63.1886

■ 39.0700, 43.9632,
65.4587

■ 22.2360, 25.3244,
62.7483

■ 44.4880, 49.1055,
66.1657

■ 20.5830, 22.8234,
62.3527

■ 50.6799, 54.7701,
66.9327

■ 19.5479, 21.0757,
62.0699

■ 57.6785, 60.9758,
67.7617

■ 65.5146, 67.7401,
68.6543

■ 74.2174, 75.0799,
69.6123

■ 80.1918, 81.1434,
70.4678

■ 82.2905, 85.3409,
71.1674

Harmonies

Analogous

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



27.3665, 35.1629, 54.3984



30.4107, 35.1629, 64.2158



34.5159, 35.1629, 66.4322

Triad

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



30.4107, 35.1629, 64.2158



42.1784, 35.1629, 35.2680



28.6832, 35.1629, 22.6008

Complementary

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



30.4107, 35.1629, 64.2158



37.0738, 32.3444, 16.0947

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.



32.3500, 35.1629, 19.4816



30.4107, 35.1629, 64.2158



40.3091, 35.1629, 25.7185

Square

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



30.4107, 35.1629, 64.2158



41.5486, 35.1629, 47.8878



36.6243, 35.1629, 20.4879



26.4296, 35.1629, 30.0627

Rectangle

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



30.4107, 35.1629, 64.2158



37.3495, 35.1629, 62.9464



36.6243, 35.1629, 20.4879



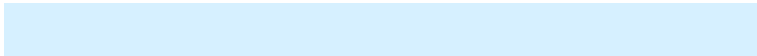
29.7786, 35.1629, 21.0903

Sweetspot

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



30.4119, 35.1642, 64.2166



77.0786, 84.0236, 106.7634



31.9605, 49.0796, 31.3819



16.0559, 17.5800, 22.7970



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.



30.4119, 35.1642, 64.2166



42.6655, 49.5452, 101.9222



22.5628, 19.4661, 61.6003



11.7844, 12.6590, 15.0660



12.4085, 13.4636, 39.1372



0.7676, 0.9005, 2.2129

Inverse Universe

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



37.2629, 25.0174, 39.9119



55.3505, 33.3585, 56.3375



46.5724, 51.3416, 19.2609



12.1221, 11.9336, 13.9186



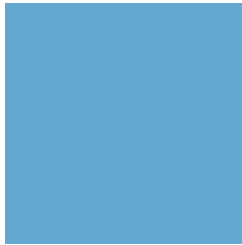
18.8940, 9.4304, 14.8797



1.0937, 0.5422, 1.0282

Previews

White Background



This preview shows how the XYZ color 30.4107, 35.1629, 64.2158 looks on a white background.

Color Contrast Check

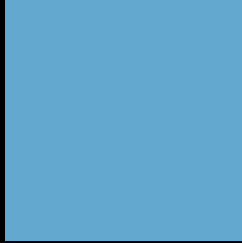
Large Text (above 18pt) WCAG AA × Fail

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 30.4107, 35.1629, 64.2158 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 30.4107, 35.1629, 64.2158

Background



This preview shows how black text looks on a background with the XYZ color 30.4107, 35.1629, 64.2158.

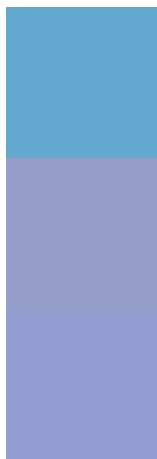


This preview shows how white text looks on a background with the XYZ color 30.4107, 35.1629,

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

30.4107, 35.1629, 64.2158

Protanopia

35.0466, 35.0134, 59.5547

Deuteranopia

35.5982, 34.9204, 65.1857



Tritanopia

28.0291, 35.3255, 51.7956

Trichromacy



Original Color

30.4107, 35.1629, 64.2158

Protanomaly

33.0599, 34.9778, 61.5089

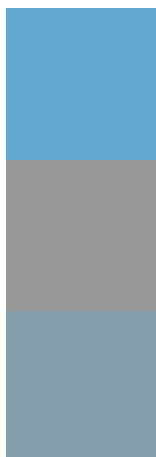
Deuteranomaly

33.3360, 34.7896, 64.6326

Tritanomaly

29.0198, 35.4538, 56.3527

Monochromacy



Original Color

30.4107, 35.1629, 64.2158

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3461, 32.4188, 43.7405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4107, 35.1629, 64.2158 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(99, 168, 207) looks like.

```
.text, #text, p{  
    color:rgb(99, 168, 207)  
}
```

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(99, 168, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 168, 207) }
```

Border

The CSS property to change the border of an element to XYZ 30.4107, 35.1629, 64.2158 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(99, 168, 207) }
```


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

```
.border{ border-color:rgb(99, 168, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 168, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 168, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 168, 207);  
box-shadow:4px 4px 4px 4px rgb(99, 168,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4107, 35.1629, 64.2158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 168, 207) }
```

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

```
.background{ background-color: rgb(99, 168,  
207) }
```

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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