

Converting Colors

XYZ(25.3373, 29.9168, 57.8667)

Have a look what the booklet for
XYZ(25.3373, 29.9168, 57.8667)
contains.

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Color

**XYZ(25.4004, 30.0674,
57.8909)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9EC6
RGB	76, 158, 198
RGB Percent	30%, 62%, 78%
CMY	0.7019, 0.3804, 0.2235
CMYK	0.62, 0.20, 0.00, 0.22
HSL	200°, 52%, 54%
HSV	200°, 62%, 78%
XYZ	25.4004, 30.0674, 57.8909
YIQ	138.0420, -61.7120, -4.9440

Conversions

Conversions Part 2

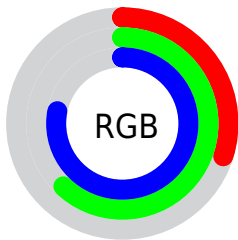
Format	Color
RYB	76, 125, 198
Decimal	5021382
CIELab	61.71, -12.91, -28.04
CIElCh	62, 30.865, 245.282
Yxy	30.0674, 0.2241, 0.2652
Android (android.graphics.Color)	4283211462 (0xFF4C9EC6)
YUV	138.0420, 29.5593, -54.4108
Hunter-Lab	54.8337, -13.2733, -24.2120

Details

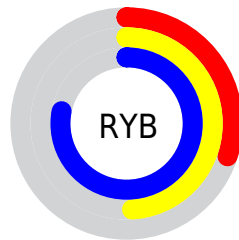
The XYZ color **25.4004, 30.0674, 57.8909** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **30.8397, 25.0199, 10.0426**, and the grayscale version is **24.0823, 25.3364, 27.5914**.

A 20% lighter version of the original color is **51.8359, 59.9594, 103.4490**, and **10.2917, 12.5290, 28.2615** is the 20% darker color. If you saturate the color by 10%, you get **22.9845, 27.2218, 57.4695**, and if you desaturate by 10%, it is **28.3608, 33.2817, 58.3559**.

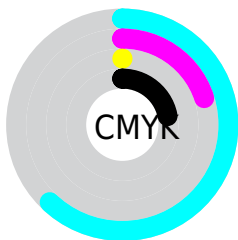
Distribution



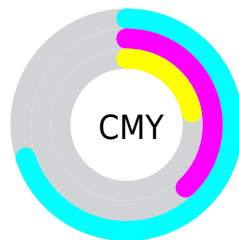
- Red (30%)
- Green (62%)
- Blue (78%)



- Red (30%)
- Yellow (49%)
- Blue (78%)



- Cyan (62%)
- Magenta (20%)
- Yellow (0%)
- Black (22%)



- Cyan (70%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4004, 30.0674, 57.8909 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 25.4004, 30.0674, 57.8909 by changing the saturation by 10% instead.

■ 25.4004, 30.0674,
57.8909

■ 25.4004, 30.0674,
57.8909

272.1371,
302.2185, 434.3662

■ 16.5059, 19.8898,
41.3068

■ 51.7443, 59.7688,
103.2772

■ 9.9760, 12.3149,
28.2374

■ 69.9244, 80.0612,
132.9165

■ 5.4452, 6.9585,
18.2641

■ 91.9305, 104.4941,
167.7446

■ 2.5482, 3.4362,
10.9684

■ 118.1278,
133.4518, 208.1800

■ 0.9196, 1.3635,
5.9317

148.8818,
167.3187, 254.6414

■ 0.0000, 0.1896,
2.7355

184.5578,

■ 0.0000, 0.0000,

206.4792, 307.5471

0.9612

225.5211,
251.3177, 367.3159

■ 0.0000, 0.0000,
0.0000

■ 25.4004, 30.0674,
57.8909

■ 25.4004, 30.0674,
57.8909

■ 22.9845, 27.2218,
57.4695

■ 28.3608, 33.2817,
58.3559

■ 21.0632, 24.7160,
57.0872

■ 31.9038, 36.8839,
58.8644

■ 19.5815, 22.5212,
56.7416

■ 36.0672, 40.8955,
59.4193

■ 18.5918, 20.8746,
56.4759

■ 40.8848, 45.3349,
60.0223

■ 46.3877, 50.2194,
60.6751

■ 52.6049, 55.5653,
61.3792

■ 59.5638, 61.3878,
62.1363

■ 67.2901, 67.7012,
62.9477

■ 75.8084, 74.5195,
63.8148

Harmonies

Analogous

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



22.6022, 30.0674, 47.6224



25.4004, 30.0674, 57.8909



29.3116, 30.0674, 60.8301

Triad

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



25.4004, 30.0674, 57.8909



37.1885, 30.0674, 30.6994



24.2537, 30.0674, 17.5245

Complementary

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



25.4004, 30.0674, 57.8909



30.8397, 25.0199, 10.0426

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.



27.8571, 30.0674, 14.9820



25.4004, 30.0674, 57.8909



35.5243, 30.0674, 21.3318

Square

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



25.4004, 30.0674, 57.8909



36.3718, 30.0674, 43.1396



32.0105, 30.0674, 16.1869



21.9859, 30.0674, 24.1596

Rectangle

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



25.4004, 30.0674, 57.8909



32.0865, 30.0674, 57.7534



32.0105, 30.0674, 16.1869



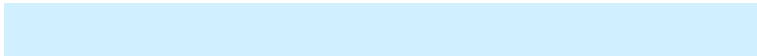
25.3353, 30.0674, 16.2458

Sweetspot

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



25.4014, 30.0685, 57.8916



75.5183, 83.0810, 106.6637



26.2491, 43.1549, 23.0570



15.5725, 17.2518, 22.7591



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.



25.4014, 30.0685, 57.8916



39.4157, 46.5861, 101.5223



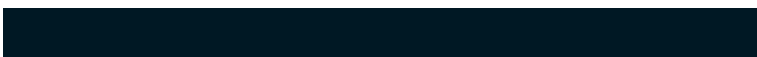
17.5768, 14.4193, 55.2834



10.6423, 11.4587, 13.5683



12.1714, 13.7368, 36.7543



0.6404, 0.7786, 1.7617

Inverse Universe

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



32.0456, 19.6444, 34.4515



52.8459, 29.0476, 53.3496



40.0476, 43.4356, 13.1119



10.9295, 10.7552, 12.6120



17.9429, 8.9267, 15.4411



0.8819, 0.4356, 0.9015

Previews

White Background



This preview shows how the XYZ color 25.4004, 30.0674, 57.8909 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 25.4004, 30.0674, 57.8909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

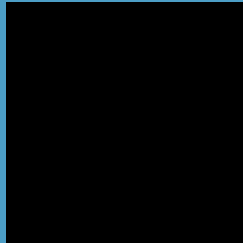
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4004, 30.0674, 57.8909

Background



This preview shows how black text looks on a background with the XYZ color 25.4004, 30.0674, 57.8909.

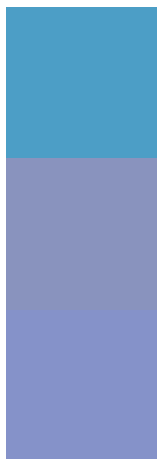


This preview shows how white text looks on a background with the XYZ color 25.4004, 30.0674,

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

25.4004, 30.0674, 57.8909

Protanopia

30.0445, 29.9035, 52.9036

Deuteranopia

30.4944, 29.7614, 59.3956



Tritanopia

22.8382, 30.0596, 45.1558

Trichromacy



Original Color

25.4004, 30.0674, 57.8909

Protanomaly

27.7625, 29.6283, 54.7077

Deuteranomaly

28.0138, 29.4276, 58.8472

Tritanomaly

23.7464, 30.1738, 49.3723

Monochromacy



Original Color

25.4004, 30.0674, 57.8909

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.5408, 26.4337, 37.1192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4004, 30.0674, 57.8909 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(76, 158, 198)` looks like.

```
.text, #text, p{  
    color:rgb(76, 158, 198)  
}
```

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(76, 158, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 158, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.4004, 30.0674, 57.8909 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(76, 158, 198) }
```


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

```
.border{ border-color:rgb(76, 158, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 158, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 158, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 158, 198);  
box-shadow:4px 4px 4px 4px rgb(76, 158,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4004, 30.0674, 57.8909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 158, 198) }
```

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

```
.background{ background-color: rgb(76, 158,  
198) }
```

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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