

Converting Colors

XYZ(29.6982, 39.1514, 57.0321)

Have a look what the booklet for
XYZ(29.6982, 39.1514, 57.0321)
contains.

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Color

**XYZ(29.6074, 38.9706,
57.0005)**

Conversions

Conversions Part 1

Format	Color
Hex	4EB6C2
RGB	78, 182, 194
RGB Percent	31%, 71%, 76%
CMY	0.6941, 0.2863, 0.2392
CMYK	0.60, 0.06, 0.00, 0.24
HSL	186°, 49%, 53%
HSV	186°, 60%, 76%
XYZ	29.6074, 38.9706, 57.0005
YIQ	152.2720, -65.8360, -18.3160

Conversions

Conversions Part 2

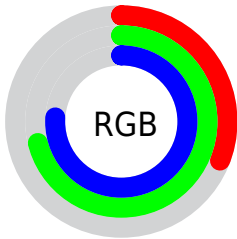
Format	Color
RYB	78, 133, 194
Decimal	5158594
CIELab	68.73, -26.27, -15.10
CIELCh	69, 30.306, 209.891
Yxy	38.9706, 0.2358, 0.3103
Android (android.graphics.Color)	4283348674 (0xFF4EB6C2)
YUV	152.2720, 20.5719, -65.1365
Hunter-Lab	62.4264, -24.5879, -10.4382

Details

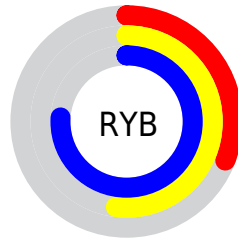
The XYZ color **29.6074, 38.9706, 57.0005** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **27.2803, 19.3327, 9.5026**, and the grayscale version is **29.8979, 31.4550, 34.2544**.

A 20% lighter version of the original color is **58.3111, 73.4545, 101.5473**, and **12.5839, 17.5940, 27.5437** is the 20% darker color. If you saturate the color by 10%, you get **27.8385, 37.4538, 56.8017**, and if you desaturate by 10%, it is **31.8533, 40.7438, 57.2251**.

Distribution



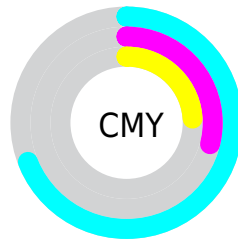
- Red (31%)
- Green (71%)
- Blue (76%)



- Red (31%)
- Yellow (52%)
- Blue (76%)



- Cyan (60%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6074, 38.9706, 57.0005 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 29.6074, 38.9706, 57.0005 by changing the saturation by 10% instead.

■ 29.6074, 38.9706,
57.0005

■ 29.6074, 38.9706,
57.0005

292.0129,
341.7655, 430.9450

■ 19.6874, 26.7369,
40.5963

■ 58.4316, 73.5934,
101.9663

■ 12.2749, 17.3757,
27.6864

■ 78.0666, 96.7513,
131.3649

■ 7.0047, 10.5027,
17.8524

■ 101.6705,
124.3193, 165.9320

■ 3.5114, 5.7335,
10.6758

■ 129.6088,
156.6818, 206.0863

■ 1.4296, 2.6837,
5.7378

162.2469,
194.2233, 252.2462

■ 0.2772, 0.9689,
2.6201

199.9500,

■ 0.0000, 0.0000,

237.3282, 304.8302

0.9028

243.0836,
286.3808, 364.2570

■ 0.0000, 0.0000,
0.0000

■ 29.6074, 38.9706,
57.0005

■ 29.6074, 38.9706,
57.0005

■ 27.8385, 37.4538,
56.8017

■ 31.8533, 40.7438,
57.2251

■ 26.5005, 36.1670,
56.6238

■ 34.6101, 42.7882,
57.4744

■ 25.5442, 35.0856,
56.4655

■ 37.9127, 45.1228,
57.7510

■ 24.8742, 34.1605,
56.3222

■ 41.7918, 47.7635,
58.0562

■ 24.8610, 34.1417,
56.3193

■ 46.2760, 50.7250,
58.3915

■ 51.3917, 54.0210,
58.7581

■ 57.1640, 57.6645,
59.1571

■ 63.6165, 61.6675,
59.5897

■ 70.7717, 66.0419,
60.0569

Harmonies

Analogous

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



28.5634, 38.9706, 42.3822



29.6074, 38.9706, 57.0005



32.6046, 38.9706, 69.6225

Triad

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



29.6074, 38.9706, 57.0005



45.6035, 38.9706, 57.1063



37.0579, 38.9706, 21.1238

Complementary

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



29.6074, 38.9706, 57.0005



27.2803, 19.3327, 9.5026

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.



41.8612, 38.9706, 23.4419



29.6074, 38.9706, 57.0005



47.0477, 38.9706, 42.4825

Square

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



29.6074, 38.9706, 57.0005



41.8284, 38.9706, 69.6922



45.6236, 38.9706, 30.5854



32.6325, 38.9706, 23.4082

Rectangle

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



29.6074, 38.9706, 57.0005



35.4454, 38.9706, 74.1017



45.6236, 38.9706, 30.5854



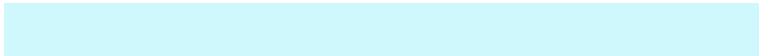
38.6825, 38.9706, 21.3824

Sweetspot

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



29.6086, 38.9721, 57.0014



76.8672, 87.3045, 105.2699



24.2631, 40.9355, 16.2076



16.3412, 18.7892, 23.0154



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.



29.6086, 38.9721, 57.0014



49.5405, 67.0303, 102.7969



20.1385, 20.0318, 53.8447



10.2767, 11.2446, 12.9136



16.3804, 22.5173, 37.0395



0.7339, 1.0251, 1.6091

Inverse Universe

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



33.4170, 20.2966, 46.4138



57.3422, 31.1665, 80.5710



34.1515, 33.0751, 11.7930



10.4509, 10.2290, 12.4652



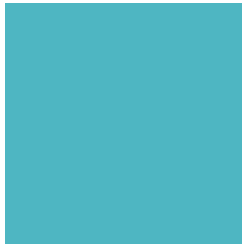
19.6640, 9.5554, 27.2066



0.8628, 0.4181, 1.2449

Previews

White Background



This preview shows how the XYZ color 29.6074, 38.9706, 57.0005 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 29.6074, 38.9706, 57.0005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

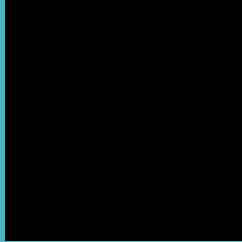
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.6074, 38.9706, 57.0005

Background



This preview shows how black text looks on a background with the XYZ color 29.6074, 38.9706, 57.0005.

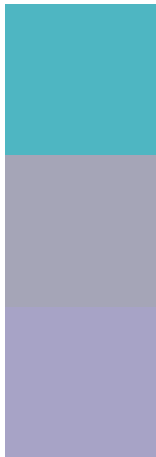


This preview shows how white text looks on a background with the XYZ color 29.6074, 38.9706,

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

29.6074, 38.9706, 57.0005

Protanopia

37.5194, 38.3285, 50.2204

Deuteranopia

39.2266, 38.4871, 58.7874



Tritanopia

29.9162, 39.1037, 58.1956

Trichromacy



Original Color

29.6074, 38.9706, 57.0005

Protanomaly

33.2054, 37.7002, 52.5405

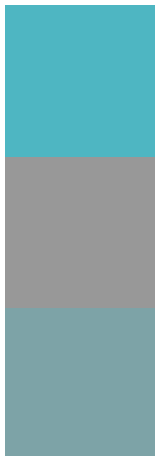
Deuteranomaly

34.4444, 37.9316, 58.3294

Tritanomaly

29.8027, 39.0583, 57.5980

Monochromacy



Original Color

29.6074, 38.9706, 57.0005

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.5297, 33.3444, 41.4917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6074, 38.9706, 57.0005 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(78, 182, 194)` looks like.

```
.text, #text, p{  
    color:rgb(78, 182, 194)  
}
```

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(78, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 182, 194) }
```

Border

The CSS property to change the border of an element to XYZ 29.6074, 38.9706, 57.0005 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(78, 182, 194) }
```


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

```
.border{ border-color:rgb(78, 182, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 182, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 182, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 182, 194);  
box-shadow:4px 4px 4px 4px rgb(78, 182,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6074, 38.9706, 57.0005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 182, 194) }
```

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

```
.background{ background-color: rgb(78, 182,  
194) }
```

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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