

Converting Colors

XYZ(29.2576, 34.5701, 49.0723)

Have a look what the booklet for
XYZ(29.2576, 34.5701, 49.0723)
contains.

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Color

**XYZ(29.2294, 34.6185,
48.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	73A7B5
RGB	115, 167, 181
RGB Percent	45%, 65%, 71%
CMY	0.5490, 0.3451, 0.2902
CMYK	0.36, 0.08, 0.00, 0.29
HSL	193°, 31%, 58%
HSV	193°, 36%, 71%
XYZ	29.2294, 34.6185, 48.8575
YIQ	153.0480, -35.4860, -6.6700

Conversions

Conversions Part 2

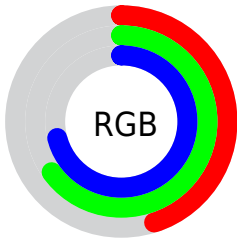
Format	Color
RYB	115, 144, 181
Decimal	7579573
CIELab	65.45, -13.59, -12.68
CIElCh	65, 18.588, 223.030
Yxy	34.6185, 0.2593, 0.3072
Android (android.graphics.Color)	4285769653 (0xFF73A7B5)
YUV	153.0480, 13.7803, -33.3681
Hunter-Lab	58.8375, -14.2900, -8.0470

Details

The XYZ color **29.2294, 34.6185, 48.8575** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.0012, 26.7623, 19.8048**, and the grayscale version is **30.2530, 31.8285, 34.6612**.

A 20% lighter version of the original color is **57.7695, 66.7920, 89.9681**, and **12.0769, 14.8767, 22.6571** is the 20% darker color. If you saturate the color by 10%, you get **26.3864, 32.1251, 48.5267**, and if you desaturate by 10%, it is **32.5628, 37.3973, 49.2188**.

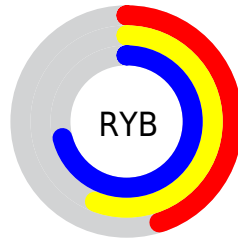
Distribution



Red (45%)

Green (65%)

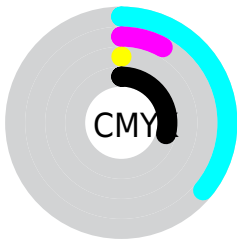
Blue (71%)



Red (45%)

Yellow (56%)

Blue (71%)

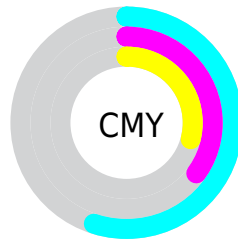


Cyan (36%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2294, 34.6185, 48.8575 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 29.2294, 34.6185, 48.8575 by changing the saturation by 10% instead.

■ 29.2294, 34.6185,
48.8575

■ 29.2294, 34.6185,
48.8575

290.2705,
322.8812, 398.7874

■ 19.3996, 23.3692,
34.1416

■ 57.8364, 66.8943,
89.8586

■ 12.0651, 14.8663,
22.7242

■ 77.3443, 88.6896,
116.9809

■ 6.8605, 8.7256,
14.1866

■ 100.8089,
114.7690, 149.0757

■ 3.4206, 4.5627,
8.1103

128.5956,
145.5169, 186.5617

■ 1.3799, 1.9930,
4.0768

161.0698,
181.3176, 229.8573

■ 0.2418, 0.6034,
1.6676

198.5968,

■ 0.0000, 0.0000,

222.5557, 279.3811

0.3384

241.5419,
269.6154, 335.5516

■ 0.0000, 0.0000,
0.0000

■ 29.2294, 34.6185,
48.8575

■ 29.2294, 34.6185,
48.8575

■ 26.3864, 32.1251,
48.5267

■ 32.5628, 37.3973,
49.2188

■ 24.0028, 29.8984,
48.2225

■ 36.4087, 40.4709,
49.6093

■ 22.0493, 27.9239,
47.9443

■ 40.7919, 43.8529,
50.0311

■ 20.4914, 26.1835,
47.6905

■ 45.7343, 47.5550,
50.4852

■ 19.2893, 24.6565,
47.4591

■ 51.2570, 51.5882,
50.9726

■ 18.3894, 23.3149,
47.2476

■ 57.3795, 55.9629,
51.4943

■ 18.1049, 22.8649,
47.1757

■ 64.1208, 60.6892,
52.0513

■ 69.7094, 64.8539,
52.5606

■ 70.5964, 66.6279,
52.8563

Harmonies

Analogous

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



28.0703, 34.6185, 41.1699



29.2294, 34.6185, 48.8575



31.4019, 34.6185, 53.8984

Triad

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



29.2294, 34.6185, 48.8575



38.1599, 34.6185, 42.2333



31.7396, 34.6185, 24.9110

Complementary

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



29.2294, 34.6185, 48.8575



30.0012, 26.7623, 19.8048

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.



34.4530, 34.6185, 25.1137



29.2294, 34.6185, 48.8575



38.2627, 34.6185, 34.4188

Square

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



29.2294, 34.6185, 48.8575



36.6005, 34.6185, 49.7278



36.8740, 34.6185, 28.3748



29.4649, 34.6185, 27.7768

Rectangle

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



29.2294, 34.6185, 48.8575



33.1808, 34.6185, 54.7030



36.8740, 34.6185, 28.3748



32.6284, 34.6185, 24.6355

Sweetspot

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



29.2305, 34.6199, 48.8583



69.2283, 75.6091, 89.2399



27.5042, 38.2570, 26.4266



14.7386, 16.1687, 19.2663



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.2305, 34.6199, 48.8583



48.0767, 58.2717, 87.0083



24.0475, 24.2540, 47.1307



8.5866, 9.3195, 10.8526



12.5326, 15.8655, 32.5388



0.4327, 0.5759, 1.0366

Inverse Universe

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



32.1627, 24.8760, 39.6672



54.2690, 38.7172, 67.3689



34.9310, 36.6219, 21.4481



8.7713, 8.6152, 10.2941



16.5605, 8.1418, 18.6435



0.5404, 0.2639, 0.6886

Previews

White Background



This preview shows how the XYZ color 29.2294, 34.6185, 48.8575 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 29.2294, 34.6185, 48.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

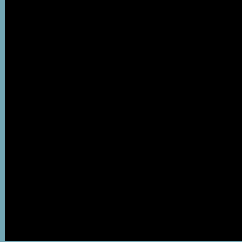
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2294, 34.6185, 48.8575

Background



This preview shows how black text looks on a background with the XYZ color 29.2294, 34.6185, 48.8575.



This preview shows how white text looks on a background with the XYZ color 29.2294, 34.6185,

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

29.2294, 34.6185, 48.8575

Protanopia

33.5051, 34.2770, 45.4077

Deuteranopia

35.1076, 34.2533, 50.1086



Tritanopia

29.2294, 34.6185, 48.8575

Trichromacy



Original Color

29.2294, 34.6185, 48.8575

Protanomaly

31.6652, 34.3268, 46.5518

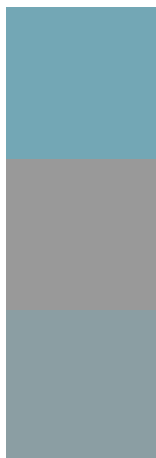
Deuteranomaly

32.6224, 34.2349, 49.6884

Tritanomaly

29.2294, 34.6185, 48.8575

Monochromacy



Original Color

29.2294, 34.6185, 48.8575

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.4852, 32.5870, 39.3862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2294, 34.6185, 48.8575 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(115, 167, 181)` looks like.

```
.text, #text, p{  
    color:rgb(115, 167, 181)  
}
```

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(115, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 167, 181) }
```

Border

The CSS property to change the border of an element to XYZ 29.2294, 34.6185, 48.8575 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(115, 167, 181) }
```


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

```
.border{ border-color:rgb(115, 167, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 167, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 167, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 167, 181);  
box-shadow:4px 4px 4px 4px rgb(115, 167,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2294, 34.6185, 48.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 167, 181) }
```

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

```
.background{ background-color: rgb(115,  
167, 181) }
```

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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