

Converting Colors

XYZ(23.4220, 29.0888, 30.2364)

Have a look what the booklet for
XYZ(23.4220, 29.0888, 30.2364)
contains.

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Color

**XYZ(23.5285, 29.2048,
30.3836)**

Conversions

Conversions Part 1

Format	Color
Hex	709C8F
RGB	112, 156, 143
RGB Percent	44%, 61%, 56%
CMY	0.5608, 0.3882, 0.4392
CMYK	0.28, 0.00, 0.08, 0.39
HSL	162°, 18%, 53%
HSV	162°, 28%, 61%
XYZ	23.5285, 29.2048, 30.3836
YIQ	141.3620, -22.0510, -13.3710

Conversions

Conversions Part 2

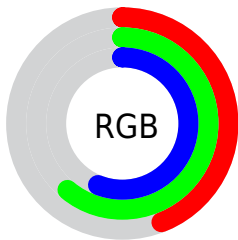
Format	Color
RYB	112, 138, 156
Decimal	7380111
CIELab	60.96, -17.79, 2.00
CIELCh	61, 17.898, 173.588
Yxy	29.2048, 0.2831, 0.3514
Android (android.graphics.Color)	4285570191 (0xFF709C8F)
YUV	141.3620, 0.8075, -25.7505
Hunter-Lab	54.0415, -16.8575, 4.4946

Details

The XYZ color **23.5285, 29.2048, 30.3836** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.2072, 20.1378, 22.0671**, and the grayscale version is **25.4633, 26.7894, 29.1737**.

A 20% lighter version of the original color is **48.8894, 58.6191, 61.5612**, and **9.0140, 11.9176, 12.1812** is the 20% darker color. If you saturate the color by 10%, you get **21.3711, 28.1329, 28.4974**, and if you desaturate by 10%, it is **26.0459, 30.4621, 32.3628**.

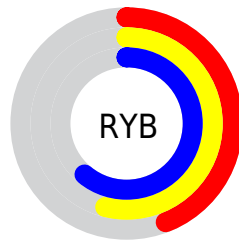
Distribution



Red (44%)

Green (61%)

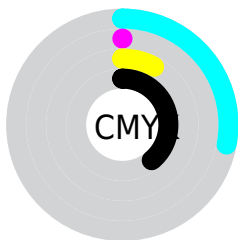
Blue (56%)



Red (44%)

Yellow (54%)

Blue (61%)

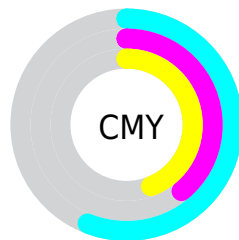


Cyan (28%)

Magenta (0%)

Yellow (8%)

Black (39%)



Cyan (56%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5285, 29.2048, 30.3836 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 23.5285, 29.2048, 30.3836 by changing the saturation by 10% instead.

■ 23.5285, 29.2048,
30.3836

■ 23.5285, 29.2048,
30.3836

262.9129,
298.1800, 317.9512

■ 15.1071, 19.2358,
19.8754

■ 48.7200, 58.4023,
61.3365

■ 8.9814, 11.8408,
12.1213

■ 66.2207, 78.3996,
82.6182

■ 4.7860, 6.6354,
6.7028

■ 87.4786, 102.5085,
108.3282

■ 2.1557, 3.2351,
3.2013

■ 112.8591,
131.1133, 138.8850

■ 0.7193, 1.2557,
1.1983

142.7273,
164.5985, 174.7072

■ 0.0000, 0.1065,
0.0000

177.4488,

■ 0.0000, 0.0000,

203.3484, 216.2133

0.0000

217.3889,
247.7475, 263.8218

■ 23.5285, 29.2048,
30.3836

■ 23.5285, 29.2048,
30.3836

■ 21.3711, 28.1329,
28.4974

■ 26.0459, 30.4621,
32.3628

■ 19.5532, 27.2336,
26.7006

■ 28.9373, 31.9099,
34.4346

■ 18.0562, 26.4982,
24.9919

■ 32.2193, 33.5572,
36.6014

■ 16.8585, 25.9154,
23.3694

■ 35.9064, 35.4117,
38.8647

■ 15.9360, 25.4729,
21.8311

■ 40.0125, 37.4805,
41.2259

■ 15.2602, 25.1561,
20.3746

■ 44.5509, 39.7704,
43.6864

■ 14.7786, 24.9378,
18.9966

■ 49.5343, 42.2879,
46.2478

■ 14.6983, 24.9017,
18.7568

■ 54.9746, 45.0391,
48.9113

■ 60.8836, 48.0302,
51.6782

Harmonies

Analogous

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



24.2972, 29.2048, 24.7562



23.5285, 29.2048, 30.3836



23.8409, 29.2048, 37.2311

Triad

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



23.5285, 29.2048, 30.3836



29.5953, 29.2048, 45.1093



30.5116, 29.2048, 22.5270

Complementary

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



23.5285, 29.2048, 30.3836



23.2072, 20.1378, 22.0671

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.



32.0828, 29.2048, 26.9229



23.5285, 29.2048, 30.3836



31.5334, 29.2048, 40.0650

Square

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



23.5285, 29.2048, 30.3836



27.2595, 29.2048, 46.3768



32.4669, 29.2048, 33.2578



28.2631, 29.2048, 20.6493

Rectangle

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



23.5285, 29.2048, 30.3836



24.6295, 29.2048, 41.5215



32.4669, 29.2048, 33.2578



31.1415, 29.2048, 23.7267

Sweetspot

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



23.5293, 29.2060, 30.3843



52.5826, 57.9683, 62.5586



23.3007, 29.3230, 19.7617



11.3965, 12.6684, 13.6455



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.5293, 29.2060, 30.3843



40.1266, 51.7468, 52.9490



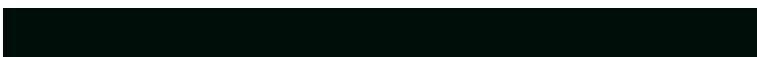
23.1486, 26.7758, 35.4020



6.7383, 7.4761, 8.0563



12.1221, 20.5168, 15.5317



0.2342, 0.3738, 0.3698

Inverse Universe

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



23.2072, 20.1378, 22.0671



39.4434, 32.4361, 35.2518



23.4490, 21.8648, 18.3143



6.7097, 6.6768, 7.3224



11.7145, 5.9904, 2.7477



0.2267, 0.1140, 0.1399

Previews

White Background



This preview shows how the XYZ color 23.5285, 29.2048, 30.3836 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5285, 29.2048, 30.3836 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 × Fail

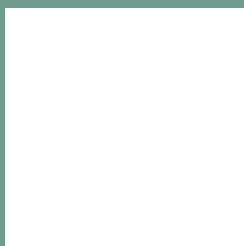
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5285, 29.2048, 30.3836

Background



This preview shows how black text looks on a background with the XYZ color 23.5285, 29.2048, 30.3836.

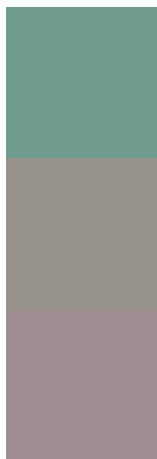


This preview shows how white text looks on a background with the XYZ color 23.5285, 29.2048,

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

23.5285, 29.2048, 30.3836

Protanopia

27.6288, 28.9721, 28.1807

Deuteranopia

29.5593, 28.9984, 31.2334



Tritanopia

25.5189, 29.2810, 39.9041

Trichromacy



Original Color

23.5285, 29.2048, 30.3836

Protanomaly

25.9565, 29.0245, 29.0452

Deuteranomaly

26.8722, 28.7514, 30.9213

Tritanomaly

24.7116, 29.1904, 36.2301

Monochromacy



Original Color

23.5285, 29.2048, 30.3836

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.3673, 27.2566, 29.5679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5285, 29.2048, 30.3836 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(112, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(112, 156, 143)  
}
```

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(112, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 156, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.5285, 29.2048, 30.3836 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(112, 156, 143) }
```


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

```
.border{ border-color:rgb(112, 156, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(112, 156,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5285, 29.2048, 30.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 156, 143) }
```

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

```
.background{ background-color: rgb(112,  
156, 143) }
```

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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