

Converting Colors

XYZ(25.8051, 33.9579, 48.9105)

Have a look what the booklet for
XYZ(25.8051, 33.9579, 48.9105)
contains.

XYZ(25.8051, 33.9579, 48.9105)	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(25.8051, 33.9579,
48.9105)**

Conversions

Conversions Part 1

Format	Color
Hex	4BABB5
RGB	75, 171, 181
RGB Percent	29%, 67%, 71%
CMY	0.7059, 0.3294, 0.2902
CMYK	0.59, 0.06, 0.00, 0.29
HSL	186°, 42%, 50%
HSV	186°, 59%, 71%
XYZ	25.8051, 33.9579, 48.9105
YIQ	143.4360, -60.4260, -17.2420

Conversions

Conversions Part 2

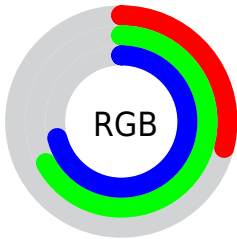
Format	Color
RYB	75, 125, 181
Decimal	4959157
CIELab	64.93, -25.07, -13.64
CIELCh	65, 28.540, 208.546
Yxy	33.9579, 0.2375, 0.3125
Android (android.graphics.Color)	4283149237 (0xFF4BABB5)
YUV	143.4360, 18.5191, -60.0184
Hunter-Lab	58.2734, -22.9337, -8.9724

Details

The XYZ color **25.8051, 33.9579, 48.9105** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.5754, 16.8297, 8.6636**, and the grayscale version is **26.2294, 27.5953, 30.0513**.

A 20% lighter version of the original color is **52.5867, 66.1209, 90.1118**, and **10.3747, 14.5154, 22.6770** is the 20% darker color. If you saturate the color by 10%, you get **24.2656, 32.6893, 48.7474**, and if you desaturate by 10%, it is **27.7536, 35.4450, 49.0955**.

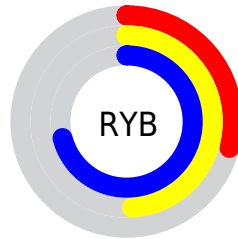
Distribution



Red (29%)

Green (67%)

Blue (71%)



Red (29%)

Yellow (49%)

Blue (71%)

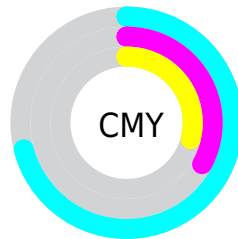


Cyan (59%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (71%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8051, 33.9579, 48.9105 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 25.8051, 33.9579, 48.9105 by changing the saturation by 10% instead.

■ 25.8051, 33.9579,
48.9105

■ 25.8051, 33.9579,
48.9105

274.0983,
319.9443, 399.0022

■ 16.8098, 22.8613,
34.1834

■ 52.3939, 65.8682,
89.9381

■ 10.1934, 14.4911,
22.7560

■ 70.7181, 87.4506,
117.0757

■ 5.5907, 8.4630,
14.2099

■ 92.8827, 113.2971,
149.1872

■ 2.6361, 4.3926,
8.1263

■ 119.2530,
143.7921, 186.6912

■ 0.9644, 1.8955,
4.0870

■ 150.1943,
179.3199, 230.0061

■ 0.0000, 0.5457,
1.6732

186.0721,

■ 0.0000, 0.0000,

220.2649, 279.5505

0.3423

227.2516,
267.0116, 335.7431

■ 0.0000, 0.0000,
0.0000

■ 25.8051, 33.9579,
48.9105

■ 25.8051, 33.9579,
48.9105

■ 24.2656, 32.6893,
48.7474

■ 27.7536, 35.4450,
49.0955

■ 23.0967, 31.6172,
48.6021

■ 30.1390, 37.1628,
49.3013

■ 22.2582, 30.7215,
48.4734

■ 32.9903, 39.1270,
49.5302

■ 21.6797, 29.9660,
48.3580

■ 36.3333, 41.3510,
49.7832

■ 21.6031, 29.8612,
48.3418

■ 40.1917, 43.8469,
50.0616

■ 44.5878, 46.6263,
50.3664

■ 49.5425, 49.7000,
50.6986

■ 55.0756, 53.0783,
51.0590

■ 61.2060, 56.7708,
51.4486

Harmonies

Analogous

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



24.9865, 33.9579, 36.4016



25.8051, 33.9579, 48.9105



28.3161, 33.9579, 59.9023

Triad

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



25.8051, 33.9579, 48.9105



39.5166, 33.9579, 50.1220



32.4774, 33.9579, 18.6150

Complementary

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



25.8051, 33.9579, 48.9105



23.5754, 16.8297, 8.6636

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.



36.5888, 33.9579, 20.8006



25.8051, 33.9579, 48.9105



40.8609, 33.9579, 37.5531

Square

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



25.8051, 33.9579, 48.9105



36.2116, 33.9579, 60.6999



39.7471, 33.9579, 27.1577



28.6364, 33.9579, 20.4107

Rectangle

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



25.8051, 33.9579, 48.9105



30.7282, 33.9579, 63.9663



39.7471, 33.9579, 27.1577



33.8748, 33.9579, 18.8978

Sweetspot

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



25.8061, 33.9592, 48.9113



65.2389, 74.1676, 89.1719



21.0201, 35.1819, 14.0374



13.7072, 15.7716, 19.2440



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.



25.8061, 33.9592, 48.9113



42.8510, 58.0114, 87.2334



17.8599, 18.0666, 46.2626



8.6728, 9.4918, 10.8813



14.9199, 20.6402, 33.3346



0.4892, 0.6889, 1.0554

Inverse Universe

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



28.9237, 17.7972, 40.4402



49.1436, 27.1424, 69.7422



29.2490, 28.1768, 10.5548



8.8148, 8.6326, 10.5231



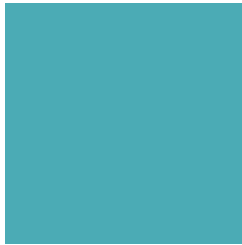
17.7655, 8.6238, 24.9890



0.5689, 0.2753, 0.8387

Previews

White Background



This preview shows how the XYZ color 25.8051, 33.9579, 48.9105 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 25.8051, 33.9579, 48.9105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

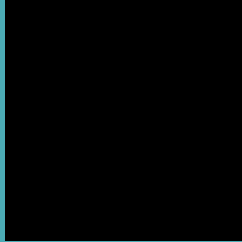
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.8051, 33.9579, 48.9105

Background



This preview shows how black text looks on a background with the XYZ color 25.8051, 33.9579, 48.9105.

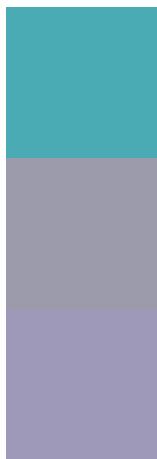


This preview shows how white text looks on a background with the XYZ color 25.8051, 33.9579,

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

25.8051, 33.9579, 48.9105

Protanopia

32.5896, 33.3515, 43.2479

Deuteranopia

34.2487, 33.5543, 50.5705



Tritanopia

26.0069, 33.7466, 50.4904

Trichromacy



Original Color

25.8051, 33.9579, 48.9105

Protanomaly

29.0869, 33.0205, 45.3980

Deuteranomaly

30.1246, 33.1915, 50.1663

Tritanomaly

25.9025, 33.7048, 49.9402

Monochromacy



Original Color

25.8051, 33.9579, 48.9105

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.9482, 29.0683, 36.1941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8051, 33.9579, 48.9105 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(75, 171, 181)` looks like.

```
.text, #text, p{  
    color:rgb(75, 171, 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(75, 171, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 171, 181) }
```

Border

The CSS property to change the border of an element to XYZ 25.8051, 33.9579, 48.9105 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(75, 171, 181) }
```


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

```
.border{ border-color:rgb(75, 171, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 171, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 171, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 171, 181);  
box-shadow:4px 4px 4px 4px rgb(75, 171,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8051, 33.9579, 48.9105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 171, 181) }
```

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

```
.background{ background-color: rgb(75, 171,  
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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