

Converting Colors

XYZ(25.2298, 36.8239, 36.6755)

Have a look what the booklet for
XYZ(25.2298, 36.8239, 36.6755)
contains.

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Color

**XYZ(25.2643, 36.8702,
36.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	4AB59B
RGB	74, 181, 155
RGB Percent	29%, 71%, 61%
CMY	0.7098, 0.2902, 0.3922
CMYK	0.59, 0.00, 0.14, 0.29
HSL	165°, 42%, 50%
HSV	165°, 59%, 71%
XYZ	25.2643, 36.8702, 36.7954
YIQ	146.0430, -55.4260, -30.7700

Conversions

Conversions Part 2

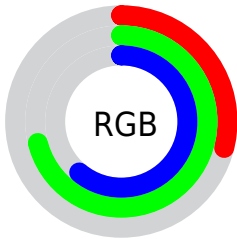
Format	Color
RYB	74, 135, 181
Decimal	4896155
CIELab	67.18, -37.05, 4.11
CIELCh	67, 37.275, 173.677
Yxy	36.8702, 0.2554, 0.3727
Android (android.graphics.Color)	4283086235 (0xFF4AB59B)
YUV	146.0430, 4.4158, -63.1817
Hunter-Lab	60.7208, -31.9924, 6.5762

Details

The XYZ color **25.2643, 36.8702, 36.7954** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **23.8063, 15.6424, 13.8225**, and the grayscale version is **27.3389, 28.7626, 31.3225**.

A 20% lighter version of the original color is **51.3085, 70.0774, 71.1436**, and **10.0881, 16.1782, 15.6877** is the 20% darker color. If you saturate the color by 10%, you get **23.7037, 36.1085, 34.8296**, and if you desaturate by 10%, it is **27.2413, 37.8468, 38.8525**.

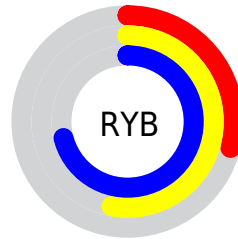
Distribution



Red (29%)

Green (71%)

Blue (61%)



Red (29%)

Yellow (53%)

Blue (71%)

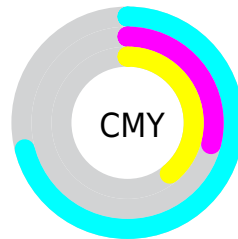


Cyan (59%)

Magenta (0%)

Yellow (14%)

Black (29%)



Cyan (71%)

Magenta (29%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2643, 36.8702, 36.7954 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 25.2643, 36.8702, 36.7954 by changing the saturation by 10% instead.

■ 25.2643, 36.8702,
36.7954

■ 25.2643, 36.8702,
36.7954

271.4750,
332.7482, 347.5658

■ 16.4039, 25.1070,
24.7546

■ 51.5255, 70.3731,
71.4408

■ 9.9030, 16.1568,
15.6769

■ 69.6569, 92.8816,
94.8825

■ 5.3965, 9.6352,
9.1440

■ 91.6094, 119.7407,
122.9615

■ 2.5189, 5.1577,
4.7371

■ 117.7483,
151.3347, 156.0964

■ 0.9048, 2.3401,
2.0378

■ 148.4390,
188.0481, 194.7057

■ 0.0000, 0.7948,
0.5784

184.0467,

■ 0.0000, 0.0000,

230.2652, 239.2081

0.0000

224.9370,
278.3704, 290.0219

■ 25.2643, 36.8702,
36.7954

■ 25.2643, 36.8702,
36.7954

■ 23.7037, 36.1085,
34.8296

■ 27.2413, 37.8468,
38.8525

■ 22.5208, 35.5391,
32.9503

■ 29.6630, 39.0502,
41.0006

■ 21.6749, 35.1419,
31.1555

■ 32.5587, 40.4964,
43.2426

■ 21.0892, 34.8773,
29.4408

■ 35.9544, 42.1987,
45.5804

■ 21.0412, 34.8557,
29.2925

■ 39.8740, 44.1695,
48.0158

■ 44.3400, 46.4203,
50.5506

■ 49.3736, 48.9621,
53.1864

■ 54.9946, 51.8051,
55.9248

■ 61.2221, 54.9590,
58.7673

Harmonies

Analogous

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



26.9548, 36.8702, 24.3115



25.2643, 36.8702, 36.7954



25.9568, 36.8702, 54.0735

Triad

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



25.2643, 36.8702, 36.7954



39.6191, 36.8702, 76.1791



41.9253, 36.8702, 19.8377

Complementary

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



25.2643, 36.8702, 36.7954



23.8063, 15.6424, 13.8225

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.



46.0375, 36.8702, 28.8413



25.2643, 36.8702, 36.7954



44.6085, 36.8702, 61.6887

Square

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



25.2643, 36.8702, 36.7954



33.8539, 36.8702, 79.9875



47.0689, 36.8702, 43.6928



36.2617, 36.8702, 16.3781

Rectangle

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



25.2643, 36.8702, 36.7954



27.7183, 36.8702, 65.8752



47.0689, 36.8702, 43.6928



43.5585, 36.8702, 22.1759

Sweetspot

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



25.2653, 36.8717, 36.7963



64.9270, 75.8431, 81.9789



23.0999, 36.2960, 12.2675



13.6304, 16.1903, 17.4539



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.



25.2653, 36.8717, 36.7963



41.7316, 64.3186, 61.3267



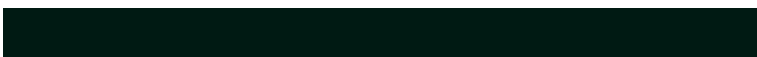
22.7626, 27.9872, 47.9202



8.6526, 9.5955, 10.4303



14.5331, 24.0392, 20.3421



0.4786, 0.7649, 0.7522

Inverse Universe

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



23.8063, 15.6424, 13.8225



38.9323, 22.8261, 16.6843



24.9227, 19.5781, 8.9445



8.5782, 8.5380, 9.2774



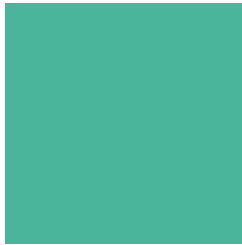
13.4736, 6.9070, 2.3882



0.4473, 0.2267, 0.1981

Previews

White Background



This preview shows how the XYZ color 25.2643, 36.8702, 36.7954 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 25.2643, 36.8702, 36.7954 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 25.2643, 36.8702, 36.7954

Background



This preview shows how black text looks on a background with the XYZ color 25.2643, 36.8702, 36.7954.

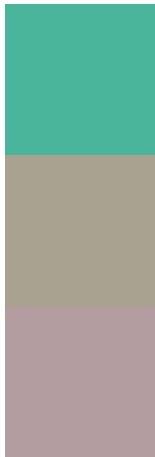


This preview shows how white text looks on a background with the XYZ color 25.2643, 36.8702,

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

25.2643, 36.8702, 36.7954

Protanopia

34.3934, 36.3200, 31.9858

Deuteranopia

36.9925, 36.2357, 38.3022



Tritanopia

28.7501, 36.7946, 54.3020

Trichromacy



Original Color

25.2643, 36.8702, 36.7954



Protanomaly

29.4443, 35.6142, 33.7561



Deuteranomaly

30.7923, 35.4038, 37.5584



Tritanomaly

27.3359, 36.8090, 47.2591

Monochromacy



Original Color

25.2643, 36.8702, 36.7954



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.5687, 30.9593, 33.0619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2643, 36.8702, 36.7954 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(74, 181, 155)` looks like.

```
.text, #text, p{  
    color:rgb(74, 181, 155)  
}
```

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(74, 181, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 181, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.2643, 36.8702, 36.7954 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(74, 181, 155) }
```


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

```
.border{ border-color:rgb(74, 181, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 181, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 181, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 181, 155);  
box-shadow:4px 4px 4px 4px rgb(74, 181,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2643, 36.8702, 36.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 181, 155) }
```

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

```
.background{ background-color: rgb(74, 181,  
155) }
```

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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