

Converting Colors

XYZ(25.6303, 33.5504, 50.5641)

Have a look what the booklet for
XYZ(25.6303, 33.5504, 50.5641)
contains.

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Color

**XYZ(25.6250, 33.5497,
50.4726)**

Conversions

Conversions Part 1

Format	Color
Hex	47AAB8
RGB	71, 170, 184
RGB Percent	28%, 67%, 72%
CMY	0.7215, 0.3333, 0.2784
CMYK	0.61, 0.08, 0.00, 0.28
HSL	187°, 44%, 50%
HSV	187°, 61%, 72%
XYZ	25.6250, 33.5497, 50.4726
YIQ	141.9950, -63.4980, -16.6340

Conversions

Conversions Part 2

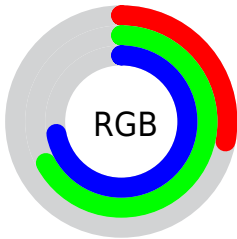
Format	Color
RYB	71, 124, 184
Decimal	4696760
CIELab	64.60, -24.42, -15.81
CIElCh	65, 29.095, 212.923
Yxy	33.5497, 0.2337, 0.3060
Android (android.graphics.Color)	4282886840 (0xFF47AAB8)
YUV	141.9950, 20.7085, -62.2626
Hunter-Lab	57.9221, -22.3945, -11.1191

Details

The XYZ color **25.6250, 33.5497, 50.4726** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.1539, 17.1433, 7.9983**, and the grayscale version is **25.6490, 26.9847, 29.3864**.

A 20% lighter version of the original color is **52.2846, 65.5093, 92.3269**, and **10.4580, 14.3613, 23.6935** is the 20% darker color. If you saturate the color by 10%, you get **24.0510, 32.1101, 50.2783**, and if you desaturate by 10%, it is **27.6171, 35.2173, 50.6901**.

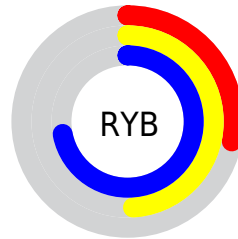
Distribution



Red (28%)

Green (67%)

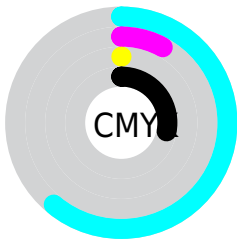
Blue (72%)



Red (28%)

Yellow (49%)

Blue (72%)

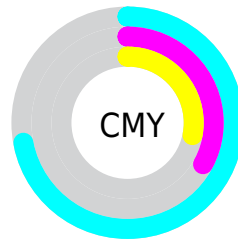


Cyan (61%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (72%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6250, 33.5497, 50.4726 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 25.6250, 33.5497, 50.4726 by changing the saturation by 10% instead.

■ 25.6250, 33.5497,
50.4726

■ 25.6250, 33.5497,
50.4726

■ 273.2269,
318.1195, 405.2991

■ 16.6745, 22.5479,
35.4152

■ 52.1050, 65.2328,
92.2782

■ 10.0966, 14.2600,
23.6968

■ 70.3652, 86.6829,
119.8636

■ 5.5258, 8.3017,
14.8988

■ 92.4594, 112.3845,
152.4620

■ 2.5968, 4.2886,
8.6025

■ 118.7528,
142.7220, 190.4920

■ 0.9443, 1.8363,
4.3896

■ 149.6110,
178.0799, 234.3722

■ 0.0000, 0.5096,
1.8414

185.3991,

■ 0.0000, 0.0000,

218.8425, 284.5211

0.4551

226.4827,
265.3942, 341.3572

■ 0.0000, 0.0000,
0.0000

■ 25.6250, 33.5497,
50.4726

■ 25.6250, 33.5497,
50.4726

■ 24.0510, 32.1101,
50.2783

■ 27.6171, 35.2173,
50.6901

■ 22.8536, 30.8748,
50.1030

■ 30.0575, 37.1263,
50.9300

■ 21.9885, 29.8218,
49.9453

■ 32.9773, 39.2937,
51.1944

■ 21.4327, 29.0224,
49.8203

■ 36.4040, 41.7334,
51.4847

■ 40.3629, 44.4588,
51.8021

■ 44.8776, 47.4819,
52.1477

■ 49.9702, 50.8143,
52.5225

■ 55.6617, 54.4668,
52.9275

■ 61.9719, 58.4497,
53.3637

Harmonies

Analogous

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



24.5377, 33.5497, 37.7124



25.6250, 33.5497, 50.4726



28.3786, 33.5497, 61.0033

Triad

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



25.6250, 33.5497, 50.4726



39.5662, 33.5497, 48.0004



31.4812, 33.5497, 18.0733

Complementary

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



25.6250, 33.5497, 50.4726



24.1539, 17.1433, 7.9983

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.



35.6754, 33.5497, 19.6727



25.6250, 33.5497, 50.4726



40.5765, 33.5497, 35.3725

Square

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



25.6250, 33.5497, 50.4726



36.4433, 33.5497, 59.3714



39.0964, 33.5497, 25.4251



27.7290, 33.5497, 20.4573

Rectangle

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



25.6250, 33.5497, 50.4726



30.9111, 33.5497, 64.3566



39.0964, 33.5497, 25.4251



32.8852, 33.5497, 18.1642

Sweetspot

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



25.6260, 33.5510, 50.4734



68.1169, 77.1315, 93.5023



21.3474, 36.2644, 14.3010



14.2572, 16.3306, 20.1223



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.6260, 33.5510, 50.4734



42.6906, 57.3083, 91.0162



17.3045, 16.9078, 47.6995



9.1692, 10.0156, 11.5294



14.8062, 20.0722, 34.3470



0.5488, 0.7613, 1.2198

Inverse Universe

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



29.2770, 17.6002, 39.8855



50.1925, 27.0007, 68.7074



30.3837, 29.6029, 10.0749



9.3317, 9.1431, 11.0944



18.0872, 8.8086, 24.1437



0.6512, 0.3159, 0.9225

Previews

White Background



This preview shows how the XYZ color 25.6250, 33.5497, 50.4726 looks on a white background.

Color Contrast Check

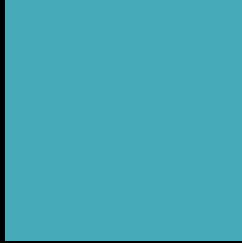
Large Text (above 18pt) WCAG AA × Fail

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 25.6250, 33.5497, 50.4726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

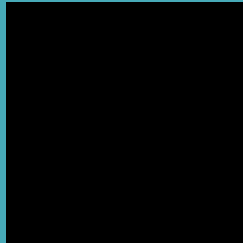
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6250, 33.5497, 50.4726

Background



This preview shows how black text looks on a background with the XYZ color 25.6250, 33.5497, 50.4726.



This preview shows how white text looks on a background with the XYZ color 25.6250, 33.5497,

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

25.6250, 33.5497, 50.4726

Protanopia

32.4982, 33.2710, 44.7535

Deuteranopia

33.8229, 33.0559, 52.1747



Tritanopia

25.6250, 33.5497, 50.4726

Trichromacy



Original Color

25.6250, 33.5497, 50.4726

Protanomaly

28.7751, 32.5669, 46.8889

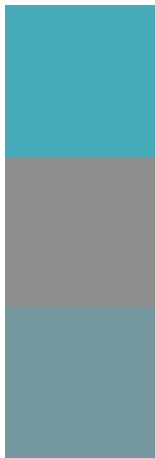
Deuteranomaly

29.6800, 32.6692, 51.7552

Tritanomaly

25.6250, 33.5497, 50.4726

Monochromacy



Original Color

25.6250, 33.5497, 50.4726

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.5165, 28.6038, 36.1272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6250, 33.5497, 50.4726 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(71, 170, 184)` looks like.

```
.text, #text, p{  
    color:rgb(71, 170, 184)  
}
```

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(71, 170, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 170, 184) }
```

Border

The CSS property to change the border of an element to XYZ 25.6250, 33.5497, 50.4726 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(71, 170, 184) }
```


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

```
.border{ border-color:rgb(71, 170, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 170, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 170, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 170, 184);  
box-shadow:4px 4px 4px 4px rgb(71, 170,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6250, 33.5497, 50.4726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 170, 184) }
```

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

```
.background{ background-color: rgb(71, 170,  
184) }
```

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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