

Converting Colors

XYZ(25.2188, 34.5000, 41.5482)

Have a look what the booklet for
XYZ(25.2188, 34.5000, 41.5482)
contains.

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Color

**XYZ(25.1348, 34.3458,
41.3811)**

Conversions

Conversions Part 1

Format	Color
Hex	50ADA6
RGB	80, 173, 166
RGB Percent	31%, 68%, 65%
CMY	0.6863, 0.3216, 0.3490
CMYK	0.54, 0.00, 0.04, 0.32
HSL	175°, 37%, 50%
HSV	175°, 54%, 68%
XYZ	25.1348, 34.3458, 41.3811
YIQ	144.3950, -53.1810, -21.8930

Conversions

Conversions Part 2

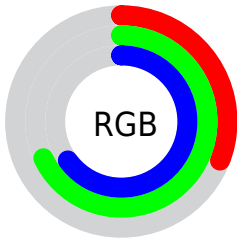
Format	Color
RYB	80, 128, 173
Decimal	5287334
CIELab	65.24, -29.22, -4.81
CIELCh	65, 29.615, 189.342
Yxy	34.3458, 0.2492, 0.3405
Android (android.graphics.Color)	4283477414 (0xFF50ADA6)
YUV	144.3950, 10.6513, -56.4744
Hunter-Lab	58.6053, -26.0037, -0.8409

Details

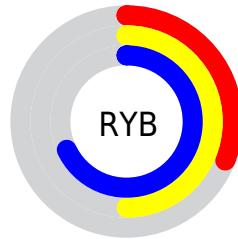
The XYZ color **25.1348, 34.3458, 41.3811** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.8237, 15.3107, 10.8231**, and the grayscale version is **26.6432, 28.0307, 30.5255**.

A 20% lighter version of the original color is **51.3870, 66.5774, 78.5490**, and **9.8038, 14.6737, 18.2352** is the 20% darker color. If you saturate the color by 10%, you get **23.7393, 33.6409, 40.6959**, and if you desaturate by 10%, it is **26.9096, 35.2477, 42.0919**.

Distribution



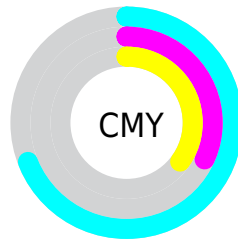
- Red (31%)
- Green (68%)
- Blue (65%)



- Red (31%)
- Yellow (50%)
- Blue (68%)



- Cyan (54%)
- Magenta (0%)
- Yellow (4%)
- Black (32%)



- Cyan (69%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1348, 34.3458, 41.3811 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 25.1348, 34.3458, 41.3811 by changing the saturation by 10% instead.

■ 25.1348, 34.3458,
41.3811

■ 25.1348, 34.3458,
41.3811

270.8439,
321.6712, 367.6346

■ 16.3068, 23.1594,
28.2950

■ 51.3171, 66.4711,
78.5220

■ 9.8337, 14.7112,
18.3072

■ 69.4022, 88.1787,
103.4140

■ 5.3503, 8.6170,
10.9991

■ 91.3036, 114.1622,
133.0783

■ 2.4911, 4.4922,
5.9520

■ 117.3867,
144.8059, 167.9336

■ 0.8908, 1.9525,
2.7476

148.0170,
180.4943, 208.3983

■ 0.0000, 0.5797,
0.9673

183.5597,

■ 0.0000, 0.0000,

221.6117, 254.8910

0.0000

224.3802,
268.5425, 307.8303

■ 25.1348, 34.3458,
41.3811

■ 25.1348, 34.3458,
41.3811

■ 23.7393, 33.6409,
40.6959

■ 26.9096, 35.2477,
42.0919

■ 22.6906, 33.1139,
40.0325

■ 29.0870, 36.3562,
42.8270

■ 21.9558, 32.7486,
39.3901

■ 31.6921, 37.6850,
43.5886

■ 21.4942, 32.5239,
38.7667

■ 34.7469, 39.2455,
44.3775

■ 21.2874, 32.4255,
38.3845

■ 38.2721, 41.0483,
45.1949

■ 42.2869, 43.1035,
46.0416

■ 46.8096, 45.4203,
46.9185

■ 51.8575, 48.0077,
47.8264

■ 57.4471, 50.8742,
48.7661

Harmonies

Analogous

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



25.4916, 34.3458, 29.6369



25.1348, 34.3458, 41.3811



26.6488, 34.3458, 54.5407

Triad

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



25.1348, 34.3458, 41.3811



38.1821, 34.3458, 58.9056



35.6548, 34.3458, 19.3024

Complementary

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



25.1348, 34.3458, 41.3811



21.8237, 15.3107, 10.8231

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.



39.4785, 34.3458, 24.2843



25.1348, 34.3458, 41.3811



41.0244, 34.3458, 46.4050

Square

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



25.1348, 34.3458, 41.3811



34.0077, 34.3458, 66.0265



41.5186, 34.3458, 33.6767



31.3185, 34.3458, 18.5339

Rectangle

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



25.1348, 34.3458, 41.3811



28.6007, 34.3458, 61.7390



41.5186, 34.3458, 33.6767



37.0529, 34.3458, 20.4775

Sweetspot

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



25.1358, 34.3471, 41.3819



60.7690, 69.5387, 79.1139



20.3935, 32.5302, 12.7944



12.9660, 14.9895, 17.1322



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.1358, 34.3471, 41.3819



42.0131, 59.9946, 72.5956



19.4119, 21.8432, 42.7297



8.2099, 9.0615, 10.1304



15.6475, 23.8243, 28.2471



0.4428, 0.6658, 0.8255

Inverse Universe

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



21.8237, 15.3107, 10.8231



35.4527, 22.1672, 11.9765



25.2499, 22.5989, 10.6215



8.0288, 8.0248, 8.4625



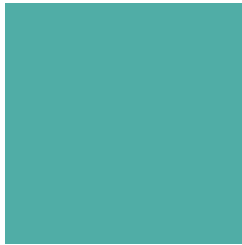
12.7230, 6.5517, 0.9207



0.3617, 0.1854, 0.0663

Previews

White Background



This preview shows how the XYZ color 25.1348, 34.3458, 41.3811 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 25.1348, 34.3458, 41.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

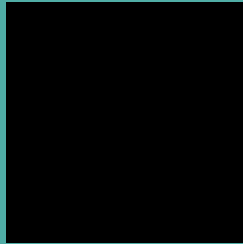
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

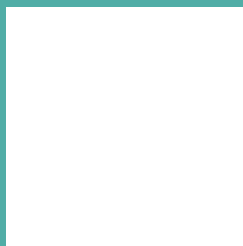
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1348, 34.3458, 41.3811

Background



This preview shows how black text looks on a background with the XYZ color 25.1348, 34.3458, 41.3811.

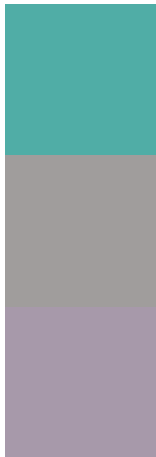


This preview shows how white text looks on a background with the XYZ color 25.1348, 34.3458,

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

25.1348, 34.3458, 41.3811

Protanopia

32.5549, 33.9878, 36.2970

Deuteranopia

34.5833, 33.9002, 42.7509



Tritanopia

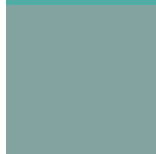
26.8642, 34.1886, 50.5306

Trichromacy



Original Color

25.1348, 34.3458, 41.3811



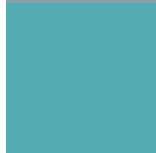
Protanomaly

28.8024, 33.5577, 38.2169



Deuteranomaly

29.7239, 33.1571, 42.3695



Tritanomaly

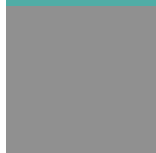
26.1549, 34.1850, 46.8148

Monochromacy



Original Color

25.1348, 34.3458, 41.3811



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

25.2740, 29.7746, 34.1208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1348, 34.3458, 41.3811 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(80, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(80, 173, 166)  
}
```

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(80, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 173, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.1348, 34.3458, 41.3811 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(80, 173, 166) }
```


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

```
.border{ border-color:rgb(80, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(80, 173,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1348, 34.3458, 41.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 173, 166) }
```

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

```
.background{ background-color: rgb(80, 173,  
166) }
```

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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