

Converting Colors

XYZ(34.2608, 50.1251, 62.5468)

Have a look what the booklet for
XYZ(34.2608, 50.1251, 62.5468)
contains.

XYZ(34.3981, 50.3754, 62.5540)	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(34.3981, 50.3754,
62.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	2FD1C8
RGB	47, 209, 200
RGB Percent	18%, 82%, 78%
CMY	0.8156, 0.1804, 0.2157
CMYK	0.78, 0.00, 0.04, 0.18
HSL	177°, 64%, 50%
HSV	177°, 78%, 82%
XYZ	34.3981, 50.3754, 62.5540
YIQ	159.5360, -93.6630, -37.1430

Conversions

Conversions Part 2

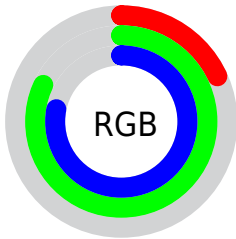
Format	Color
RYB	47, 130, 209
Decimal	3133896
CIELab	76.30, -41.52, -7.13
CIELCh	76, 42.132, 189.738
Yxy	50.3754, 0.2335, 0.3419
Android (android.graphics.Color)	4281323976 (0xFF2FD1C8)
YUV	159.5360, 19.9488, -98.6941
Hunter-Lab	70.9756, -37.6979, -2.5720

Details

The XYZ color **34.3981, 50.3754, 62.5540** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **28.0266, 15.8755, 5.3303**, and the grayscale version is **33.1446, 34.8707, 37.9742**.

A 20% lighter version of the original color is **61.6952, 82.8049, 107.3390**, and **16.7439, 25.1865, 31.1731** is the 20% darker color. If you saturate the color by 10%, you get **33.5203, 49.9397, 61.8081**, and if you desaturate by 10%, it is **35.7408, 51.0530, 63.3293**.

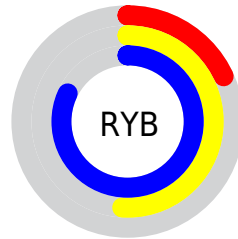
Distribution



Red (18%)

Green (82%)

Blue (78%)



Red (18%)

Yellow (51%)

Blue (82%)

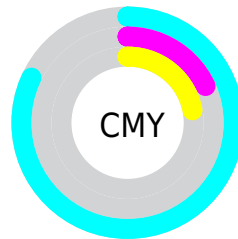


Cyan (78%)

Magenta (0%)

Yellow (4%)

Black (18%)



Cyan (82%)


Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3981, 50.3754, 62.5540 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 34.3981, 50.3754, 62.5540 by changing the saturation by 10% instead.


 34.3981, 50.3754,
62.5540


 34.3981, 50.3754,
62.5540


313.4583,
388.1322, 452.0124


 23.3639, 35.7118,
45.0418


 65.8925, 90.7308,
110.1052


 14.9846, 24.2117,
31.1472


 87.0834, 117.1914,
140.9812


 8.8948, 15.4907,
20.4515


 112.3906,
148.3531, 177.1490

 4.7292, 9.1645,
12.5364

 142.1794,
184.6004, 219.0270

 2.1224, 4.8486,
6.9831

 176.8152,
226.3175, 267.0338

 0.7013, 2.1587,
3.3733

216.6634,

 0.0000, 0.6973,

273.8889, 321.5879

1.2882

262.0893,
327.6990, 383.1079

■ 0.0000, 0.0000,
0.0521

■ 0.0000, 0.0000,
0.0000

■ 34.3981, 50.3754,
62.5540

■ 34.3981, 50.3754,
62.5540

■ 33.5203, 49.9397,
61.8081

■ 35.7408, 51.0530,
63.3293


■ 33.0225, 49.6985,
61.0842


■ 37.6023, 51.9967,
64.1332


■ 32.9239, 49.6515,
60.9057


■ 40.0335, 53.2341,
64.9691


■ 43.0785, 54.7877,
65.8391

 46.7767, 56.6780,
66.7452

 51.1644, 58.9236,
67.6890

 56.2752, 61.5419,
68.6720

 62.1405, 64.5489,
69.6959

 68.7898, 67.9601,
70.7619

Harmonies

Analogous

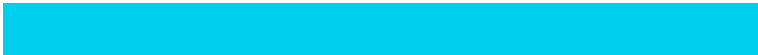
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.9806, 50.3754, 41.1040



34.3981, 50.3754, 62.5540



37.1095, 50.3754, 87.6804

Triad

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



34.3981, 50.3754, 62.5540



58.2781, 50.3754, 95.6343



53.3439, 50.3754, 23.2911

Complementary

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



34.3981, 50.3754, 62.5540



28.0266, 15.8755, 5.3303

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.



60.5563, 50.3754, 31.4476



34.3981, 50.3754, 62.5540



63.6155, 50.3754, 71.3631

Square

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



34.3981, 50.3754, 62.5540



50.4997, 50.3754, 109.9667



64.4922, 50.3754, 47.8065



45.3531, 50.3754, 22.1421

Rectangle

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



34.3981, 50.3754, 62.5540



40.6161, 50.3754, 101.7398



64.4922, 50.3754, 47.8065



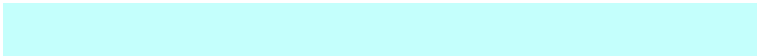
55.9628, 50.3754, 25.1703

Sweetspot

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



34.3996, 50.3773, 62.5552



76.1457, 90.3146, 105.2995



25.0486, 46.7017, 10.3848



15.7825, 19.0671, 22.4239



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.3996, 50.3773, 62.5552



52.0069, 78.0473, 96.1877



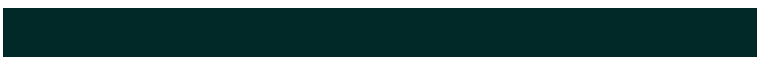
21.8866, 23.6177, 63.7288



12.1288, 13.3953, 15.0347



20.3116, 30.6176, 37.6163



1.1446, 1.7155, 2.1499

Inverse Universe

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



28.0266, 15.8755, 5.3303



41.7016, 21.7868, 3.3056



33.1943, 26.5323, 6.0624



11.8350, 11.8187, 12.4069



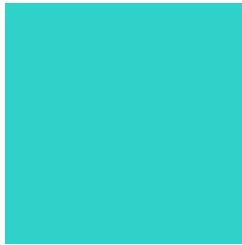
16.2636, 8.3783, 1.0285



0.9189, 0.4723, 0.1078

Previews

White Background



This preview shows how the XYZ color 34.3981, 50.3754, 62.5540 looks on a white background.

Color Contrast Check

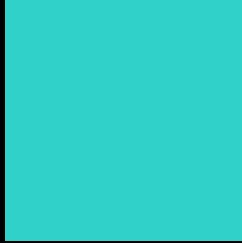
Large Text (above 18pt) WCAG AA × Fail

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 34.3981, 50.3754, 62.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

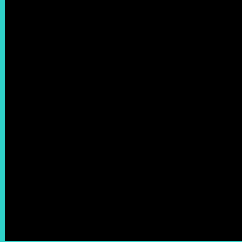
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

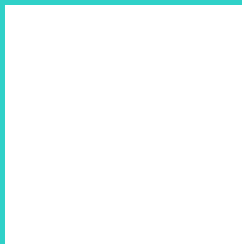
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3981, 50.3754, 62.5540

Background



This preview shows how black text looks on a background with the XYZ color 34.3981, 50.3754, 62.5540.

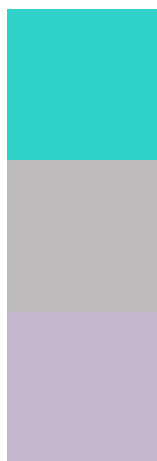


This preview shows how white text looks on a background with the XYZ color 34.3981, 50.3754,

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

34.3981, 50.3754, 62.5540

Protanopia

47.6570, 49.6101, 53.5183

Deuteranopia

50.6335, 49.6479, 65.3068



Tritanopia

37.3060, 50.4733, 76.8833

Trichromacy



Original Color

34.3981, 50.3754, 62.5540



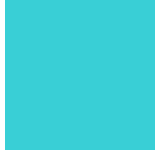
Protanomaly

39.1770, 47.7484, 56.4417



Deuteranomaly

40.9040, 47.8097, 64.1991



Tritanomaly

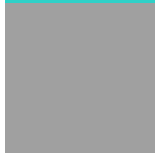
36.1378, 50.3505, 71.4323

Monochromacy



Original Color

34.3981, 50.3754, 62.5540



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

31.2660, 38.8579, 46.4099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3981, 50.3754, 62.5540 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(47, 209, 200)` looks like.

```
.text, #text, p{  
    color:rgb(47, 209, 200)  
}
```

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(47, 209, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 209, 200) }
```

Border

The CSS property to change the border of an element to XYZ 34.3981, 50.3754, 62.5540 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(47, 209, 200) }
```


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

```
.border{ border-color:rgb(47, 209, 200) }
```

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

Here you see how a box with a 4 pixel rgb(47, 209, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 209, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 209, 200);  
box-shadow:4px 4px 4px 4px rgb(47, 209,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3981, 50.3754, 62.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 209, 200) }
```

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

```
.background{ background-color: rgb(47, 209,  
200) }
```

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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