

Converting Colors

XYZ(36.0677, 52.9053, 55.6061)

Have a look what the booklet for
XYZ(36.0677, 52.9053, 55.6061)
contains.

XYZ(36.0958, 52.8816, 55.8817)	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(36.0958, 52.8816,
55.8817)**

Conversions

Conversions Part 1

Format	Color
Hex	4FD5BC
RGB	79, 213, 188
RGB Percent	31%, 84%, 74%
CMY	0.6902, 0.1647, 0.2627
CMYK	0.63, 0.00, 0.12, 0.16
HSL	169°, 61%, 57%
HSV	169°, 63%, 84%
XYZ	36.0958, 52.8816, 55.8817
YIQ	170.0840, -71.8390, -36.1830

Conversions

Conversions Part 2

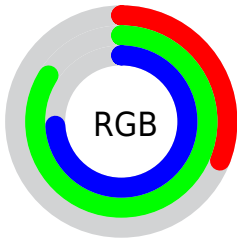
Format	Color
RYB	79, 153, 213
Decimal	5232060
CIELab	77.81, -42.25, 1.61
CIELCh	78, 42.278, 177.824
Yxy	52.8816, 0.2492, 0.3651
Android (android.graphics.Color)	4283422140 (0xFF4FD5BC)
YUV	170.0840, 8.8326, -79.8807
Hunter-Lab	72.7197, -38.6577, 5.3422

Details

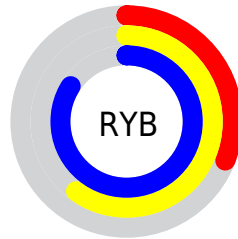
The XYZ color **36.0958, 52.8816, 55.8817** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **32.7370, 20.7390, 15.3762**, and the grayscale version is **38.2348, 40.2260, 43.8061**.

A 20% lighter version of the original color is **63.0736, 83.7144, 98.4221**, and **16.6000, 26.2030, 27.1044** is the 20% darker color. If you saturate the color by 10%, you get **34.1775, 51.9428, 53.5871**, and if you desaturate by 10%, it is **38.5963, 54.1217, 58.2675**.

Distribution



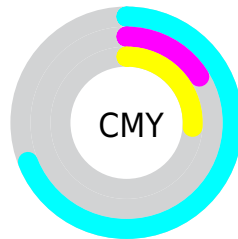
- Red (31%)
- Green (84%)
- Blue (74%)



- Red (31%)
- Yellow (60%)
- Blue (84%)



- Cyan (63%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)





- Cyan (69%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0958, 52.8816, 55.8817 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 36.0958, 52.8816, 55.8817 by changing the saturation by 10% instead.


 36.0958, 52.8816,
55.8817


 36.0958, 52.8816,
55.8817


320.8030,
397.8307, 426.6213


 24.6786, 37.7083,
39.7047


 68.5028, 94.4301,
100.3157


 15.9653, 25.7563,
26.9964


 90.2234, 121.5741,
129.4097

 9.5903, 16.6414,
17.3381

 116.1091,
153.4771, 163.6466

 5.1883, 9.9792,
10.3113

 146.5254,
190.5234, 203.4447

 2.3941, 5.3852,
5.4976

181.8376,
233.0976, 249.2227

 0.8421, 2.4750,
2.4783

222.4110,

 0.0000, 0.8641,

281.5839, 301.3991

0.8286

268.6110,
336.3668, 360.3925

■ 0.0000, 0.0000,
0.0000

■ 36.0958, 52.8816,
55.8817

■ 36.0958, 52.8816,
55.8817

■ 34.1775, 51.9428,
53.5871

■ 38.5963, 54.1217,
58.2675

■ 32.7805, 51.2701,
51.3768

■ 41.7236, 55.6824,
60.7436

■ 31.8381, 50.8304,
49.2484

■ 45.5231, 57.5881,
63.3137

■ 31.3632, 50.6175,
47.7846

■ 50.0346, 59.8596,
65.9801

■ 55.2948, 62.5156,
68.7451

61.3379, 65.5737,
71.6106

68.1959, 69.0505,
74.5787

75.8990, 72.9616,
77.6513

78.4585, 74.2196,
80.5484

Harmonies

Analogous

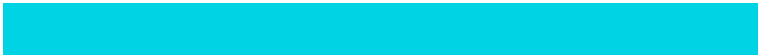
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.0633, 52.8816, 36.7251



36.0958, 52.8816, 55.8817



37.5681, 52.8816, 81.3320

Triad

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



36.0958, 52.8816, 55.8817



57.9868, 52.8816, 107.4573



59.1347, 52.8816, 27.1919

Complementary

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



36.0958, 52.8816, 55.8817



32.7370, 20.7390, 15.3762

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.



65.5355, 52.8816, 38.9695



36.0958, 52.8816, 55.8817



64.8237, 52.8816, 85.1277

Square

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



36.0958, 52.8816, 55.8817



49.6662, 52.8816, 115.5150



67.7215, 52.8816, 59.3105



50.8633, 52.8816, 23.2171

Rectangle

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



36.0958, 52.8816, 55.8817



40.4022, 52.8816, 97.9446



67.7215, 52.8816, 59.3105



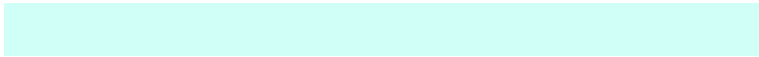
61.6089, 52.8816, 30.1794

Sweetspot

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



36.0973, 52.8837, 55.8829



77.9950, 91.3720, 100.6824



31.1273, 51.2071, 15.6415



16.2246, 19.3205, 21.2957



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.



36.0973, 52.8837, 55.8829



50.6860, 77.7328, 79.5686



30.1416, 36.2788, 68.3670



12.6882, 14.0663, 15.4383



19.1928, 30.9325, 29.3745



1.1839, 1.8762, 1.9103

Inverse Universe

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



32.7370, 20.7390, 15.3762



45.3323, 25.8078, 14.5056



35.4743, 27.9537, 10.9241



12.5170, 12.4583, 13.3966



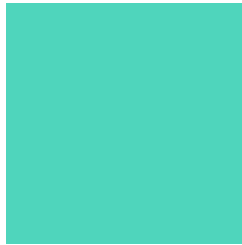
17.0210, 8.7447, 2.1486



1.0553, 0.5389, 0.2807

Previews

White Background



This preview shows how the XYZ color 36.0958, 52.8816, 55.8817 looks on a white background.

Color Contrast Check

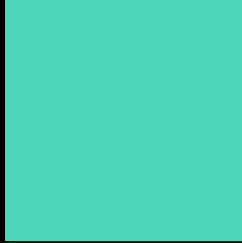
Large Text (above 18pt) WCAG AA × Fail

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 36.0958, 52.8816, 55.8817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

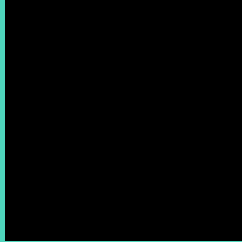
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

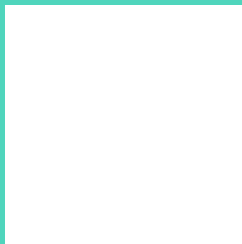
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0958, 52.8816, 55.8817

Background



This preview shows how black text looks on a background with the XYZ color 36.0958, 52.8816, 55.8817.

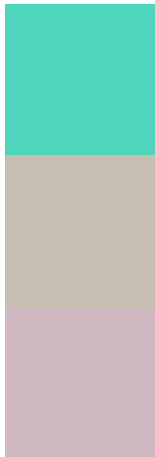


This preview shows how white text looks on a background with the XYZ color 36.0958, 52.8816,

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

36.0958, 52.8816, 55.8817

Protanopia

49.5386, 51.9673, 48.4940

Deuteranopia

53.0990, 52.0029, 58.2779



Tritanopia

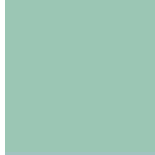
40.7626, 52.9277, 79.3018

Trichromacy



Original Color

36.0958, 52.8816, 55.8817



Protanomaly

41.9499, 50.6520, 50.7458



Deuteranomaly

43.7275, 50.4131, 57.2952



Tritanomaly

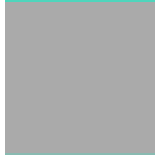
39.0501, 52.9705, 70.4535

Monochromacy



Original Color

36.0958, 52.8816, 55.8817



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

35.8112, 43.6105, 48.1252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0958, 52.8816, 55.8817 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(79, 213, 188)` looks like.

```
.text, #text, p{  
    color:rgb(79, 213, 188)  
}
```

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(79, 213, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 213, 188) }
```

Border

The CSS property to change the border of an element to XYZ 36.0958, 52.8816, 55.8817 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(79, 213, 188) }
```


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

```
.border{ border-color:rgb(79, 213, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 213, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 213, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 213, 188);  
box-shadow:4px 4px 4px 4px rgb(79, 213,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0958, 52.8816, 55.8817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 213, 188) }
```

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

```
.background{ background-color: rgb(79, 213,  
188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor