

Converting Colors

XYZ(37.5932, 52.8533, 58.4314)

Have a look what the booklet for
XYZ(37.5932, 52.8533, 58.4314)
contains.

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Color

**XYZ(37.6392, 52.8717,
58.6735)**

Conversions

Conversions Part 1

Format	Color
Hex	5FD3C1
RGB	95, 211, 193
RGB Percent	37%, 83%, 76%
CMY	0.6274, 0.1725, 0.2431
CMYK	0.55, 0.00, 0.09, 0.17
HSL	171°, 57%, 60%
HSV	171°, 55%, 83%
XYZ	37.6392, 52.8717, 58.6735
YIQ	174.2640, -63.3580, -30.1900

Conversions

Conversions Part 2

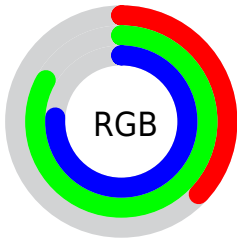
Format	Color
RYB	95, 158, 211
Decimal	6280129
CIELab	77.80, -37.13, -1.03
CIELCh	78, 37.148, 181.586
Yxy	52.8717, 0.2523, 0.3544
Android (android.graphics.Color)	4284470209 (0xFF5FD3C1)
YUV	174.2640, 9.2368, -69.5145
Hunter-Lab	72.7129, -34.8487, 3.0568

Details

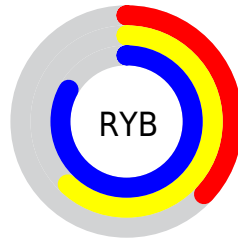
The XYZ color **37.6392, 52.8717, 58.6735** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **33.9386, 23.2270, 18.3192**, and the grayscale version is **40.3465, 42.4477, 46.2255**.

A 20% lighter version of the original color is **66.1853, 85.2296, 102.5852**, and **16.9314, 25.8298, 28.9042** is the 20% darker color. If you saturate the color by 10%, you get **35.3762, 51.7481, 56.6827**, and if you desaturate by 10%, it is **40.5068, 54.3086, 60.7371**.

Distribution



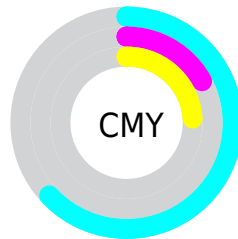
- Red (37%)
- Green (83%)
- Blue (76%)



- Red (37%)
- Yellow (62%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6392, 52.8717, 58.6735 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 37.6392, 52.8717, 58.6735 by changing the saturation by 10% instead.

37.6392, 52.8717,
58.6735

37.6392, 52.8717,
58.6735

327.3774,
397.7927, 437.3590

25.8787, 37.7004,
41.9321

70.8623, 94.4155,
104.4274

16.8651, 25.7502,
28.7229

93.0556, 121.5568,
134.2770

10.2331, 16.6369,
18.6275

119.4572,
153.4569, 169.3330

5.6172, 9.9759,
11.2274

150.4324,
190.5002, 210.0141

2.6522, 5.3830,
6.1039

186.3467,
233.0710, 256.7387

0.9726, 2.4737,
2.8385

227.5654,

0.0000, 0.8634,

281.5537, 309.9253

1.0128

274.4539,
336.3328, 369.9926

■ 0.0000, 0.0000,
0.0000

■ 37.6392, 52.8717,
58.6735

■ 37.6392, 52.8717,
58.6735

■ 35.3762, 51.7481,
56.6827

■ 40.5068, 54.3086,
60.7371

■ 33.6642, 50.9063,
54.7585

■ 44.0182, 56.0752,
62.8723

■ 32.4474, 50.3190,
52.8992

■ 48.2145, 58.1939,
65.0822

■ 31.6563, 49.9501,
51.1012

■ 53.1322, 60.6835,
67.3689

■ 31.3569, 49.8150,
50.2178

■ 58.8050, 63.5615,
69.7342

■ 65.2647, 66.8441,
72.1799

■ 72.5410, 70.5468,
74.7076

■ 77.3475, 72.9752,
77.1637

■ 77.7835, 73.1496,
79.4596

Harmonies

Analogous

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



39.0278, 52.8717, 40.6796



37.6392, 52.8717, 58.6735



39.3527, 52.8717, 80.9474

Triad

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



37.6392, 52.8717, 58.6735



57.8631, 52.8717, 98.4057



57.1365, 52.8717, 29.2510

Complementary

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



37.6392, 52.8717, 58.6735



33.9386, 23.2270, 18.3192

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.



63.0004, 52.8717, 39.1892



37.6392, 52.8717, 58.6735



63.4473, 52.8717, 78.5834

Square

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



37.6392, 52.8717, 58.6735



50.6374, 52.8717, 107.0263



65.4102, 52.8717, 56.4771



49.8705, 52.8717, 26.3213

Rectangle

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



37.6392, 52.8717, 58.6735



42.1283, 52.8717, 94.5823



65.4102, 52.8717, 56.4771



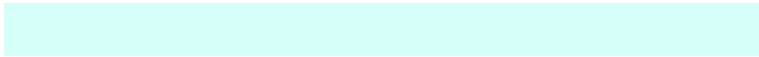
59.3603, 52.8717, 31.7434

Sweetspot

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



37.6407, 52.8738, 58.6747



80.5971, 92.6651, 102.9897



32.3443, 51.0167, 18.9700



16.9009, 19.6568, 21.8862



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.



37.6407, 52.8738, 58.6747



53.7888, 79.1823, 86.4906



31.2949, 36.7700, 67.0783



12.0762, 13.3742, 14.7579



18.9542, 30.0746, 30.4686



1.0816, 1.6903, 1.8183

Inverse Universe

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



33.9386, 23.2270, 18.3192



47.5944, 29.2161, 18.7001



37.4104, 31.6350, 14.9619



11.8825, 11.8377, 12.6569



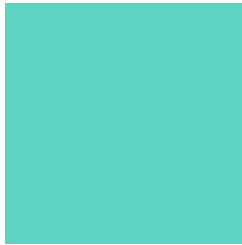
16.4002, 8.4329, 1.7476



0.9412, 0.4812, 0.2251

Previews

White Background



This preview shows how the XYZ color 37.6392, 52.8717, 58.6735 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 37.6392, 52.8717, 58.6735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

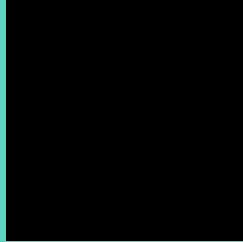
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

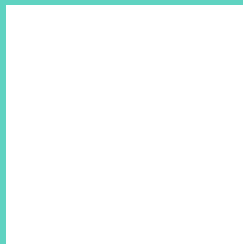
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6392, 52.8717, 58.6735

Background



This preview shows how black text looks on a background with the XYZ color 37.6392, 52.8717, 58.6735.

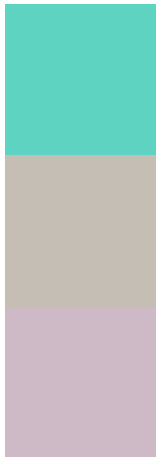


This preview shows how white text looks on a background with the XYZ color 37.6392, 52.8717,

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

37.6392, 52.8717, 58.6735

Protanopia

49.7799, 52.0334, 51.1358

Deuteranopia

53.1114, 51.9433, 61.2596



Tritanopia

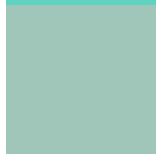
41.5760, 53.0175, 77.8542

Trichromacy



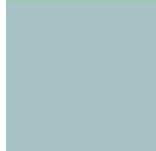
Original Color

37.6392, 52.8717, 58.6735



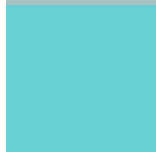
Protanomaly

43.4482, 51.3645, 53.5233



Deuteranomaly

45.0957, 50.7218, 60.2368



Tritanomaly

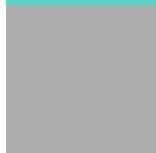
39.9190, 52.6900, 70.3536

Monochromacy



Original Color

37.6392, 52.8717, 58.6735



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

37.7879, 44.8966, 50.3903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6392, 52.8717, 58.6735 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(95, 211, 193)` looks like.

```
.text, #text, p{  
    color:rgb(95, 211, 193)  
}
```

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(95, 211, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 211, 193) }
```

Border

The CSS property to change the border of an element to XYZ 37.6392, 52.8717, 58.6735 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(95, 211, 193) }
```


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

```
.border{ border-color:rgb(95, 211, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 211, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 211, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 211, 193);  
box-shadow:4px 4px 4px 4px rgb(95, 211,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6392, 52.8717, 58.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 211, 193) }
```

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

```
.background{ background-color: rgb(95, 211,  
193) }
```

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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