

Converting Colors

XYZ(36.6694, 52.6185, 58.3240)

Have a look what the booklet for
XYZ(36.6694, 52.6185, 58.3240)
contains.

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Color

**XYZ(36.7141, 52.7776,
58.1212)**

Conversions

Conversions Part 1

Format	Color
Hex	54D4C0
RGB	84, 212, 192
RGB Percent	33%, 83%, 75%
CMY	0.6706, 0.1686, 0.2471
CMYK	0.60, 0.00, 0.09, 0.17
HSL	171°, 60%, 58%
HSV	171°, 60%, 83%
XYZ	36.7141, 52.7776, 58.1212
YIQ	171.4480, -69.8680, -33.3560

Conversions

Conversions Part 2

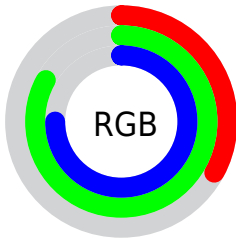
Format	Color
RYB	84, 153, 212
Decimal	5559488
CIELab	77.74, -39.93, -0.61
CIELCh	78, 39.932, 180.878
Yxy	52.7776, 0.2487, 0.3575
Android (android.graphics.Color)	4283749568 (0xFF54D4C0)
YUV	171.4480, 10.1321, -76.6919
Hunter-Lab	72.6482, -36.9261, 3.4196

Details

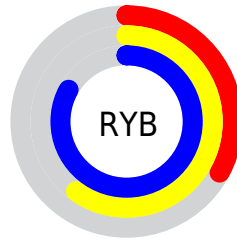
The XYZ color **36.7141, 52.7776, 58.1212** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **32.8222, 21.3387, 15.4876**, and the grayscale version is **38.9113, 40.9377, 44.5812**.

A 20% lighter version of the original color is **64.3803, 84.3171, 101.6886**, and **16.7172, 25.9780, 28.5593** is the 20% darker color. If you saturate the color by 10%, you get **34.7334, 51.7997, 56.1348**, and if you desaturate by 10%, it is **39.2802, 54.0589, 60.1805**.

Distribution



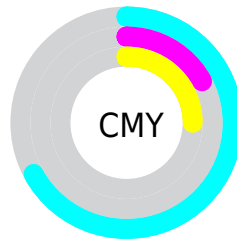
- Red (33%)
- Green (83%)
- Blue (75%)



- Red (33%)
- Yellow (60%)
- Blue (83%)



- Cyan (60%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (67%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7141, 52.7776, 58.1212 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 36.7141, 52.7776, 58.1212 by changing the saturation by 10% instead.

■ 36.7141, 52.7776,
58.1212

■ 36.7141, 52.7776,
58.1212

323.4481,
397.4313, 435.2483

■ 25.1589, 37.6253,
41.4907

■ 69.4495, 94.2770,
103.6159

■ 16.3248, 25.6920,
28.3802

■ 91.3605, 121.3929,
133.3171

■ 9.8466, 16.5933,
18.3709

■ 117.4540,
153.2654, 168.2124

■ 5.3588, 9.9450,
11.0444

■ 148.0955,
190.2790, 208.7203

■ 2.4962, 5.3625,
5.9822

183.6503,
232.8179, 255.2593

■ 0.8934, 2.4615,
2.7656

224.4837,

■ 0.0000, 0.8573,

281.2667, 308.2479

0.9762

270.9613,
336.0097, 368.1047

■ 0.0000, 0.0000,
0.0000

■ 36.7141, 52.7776,
58.1212

■ 36.7141, 52.7776,
58.1212

■ 34.7334, 51.7997,
56.1348

■ 39.2802, 54.0589,
60.1805

■ 33.2798, 51.0914,
54.2147

■ 42.4742, 55.6615,
62.3114

■ 32.2911, 50.6217,
52.3590

■ 46.3397, 57.6095,
64.5175

■ 31.6683, 50.3383,
50.6283

■ 50.9152, 59.9224,
66.8007

■ 56.2364, 62.6188,
69.1631

■ 62.3363, 65.7157,
71.6064

■ 69.2461, 69.2291,
74.1324

■ 76.9953, 73.1742,
76.7426

■ 77.9448, 73.6129,
79.0800

Harmonies

Analogous

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



38.2607, 52.7776, 39.1298



36.7141, 52.7776, 58.1212



38.4514, 52.7776, 82.2140

Triad

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



36.7141, 52.7776, 58.1212



58.1898, 52.7776, 102.3207



57.7550, 52.7776, 27.7103

Complementary

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



36.7141, 52.7776, 58.1212



32.8222, 21.3387, 15.4876

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.



64.0409, 52.7776, 38.2611



36.7141, 52.7776, 58.1212



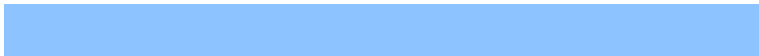
64.3096, 52.7776, 80.7865

Square

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



36.7141, 52.7776, 58.1212



50.3918, 52.7776, 111.4405



66.5517, 52.7776, 56.8154



49.9359, 52.7776, 24.5323

Rectangle

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



36.7141, 52.7776, 58.1212



41.3526, 52.7776, 97.2479



66.5517, 52.7776, 56.8154



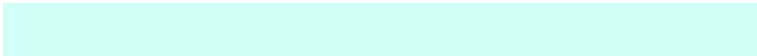
60.1447, 52.7776, 30.3510

Sweetspot

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



36.7156, 52.7797, 58.1224



78.9993, 91.8565, 102.2329



31.0104, 50.7527, 16.5505



16.4315, 19.4193, 21.6595



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.



36.7156, 52.7797, 58.1224



52.1579, 78.3827, 84.5545



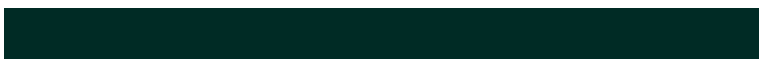
29.7916, 35.1404, 67.5023



12.7049, 14.0730, 15.5265



19.5802, 31.0874, 31.4148



1.2040, 1.8842, 2.0158

Inverse Universe

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



32.8222, 21.3387, 15.4876



45.8234, 26.7394, 14.8257



36.2999, 29.7318, 12.2142



12.5016, 12.4521, 13.3156



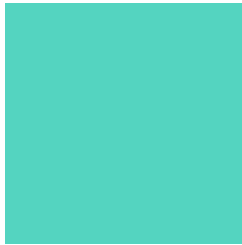
16.9563, 8.7188, 1.8079



1.0481, 0.5360, 0.2428

Previews

White Background



This preview shows how the XYZ color 36.7141, 52.7776, 58.1212 looks on a white background.

Color Contrast Check

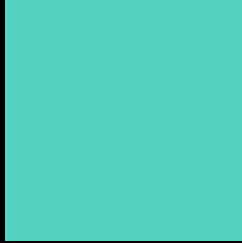
Large Text (above 18pt) WCAG AA × Fail

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 36.7141, 52.7776, 58.1212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

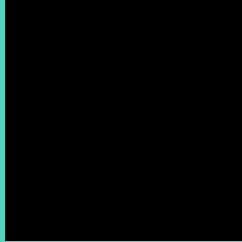
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

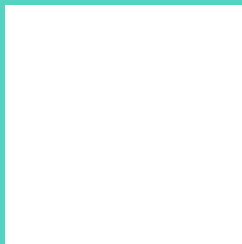
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.7141, 52.7776, 58.1212

Background



This preview shows how black text looks on a background with the XYZ color 36.7141, 52.7776, 58.1212.

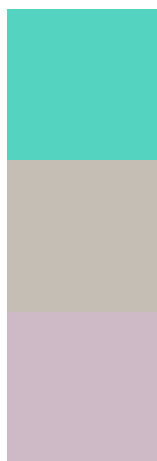


This preview shows how white text looks on a background with the XYZ color 36.7141, 52.7776,

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

36.7141, 52.7776, 58.1212

Protanopia

49.6776, 51.9925, 50.5973

Deuteranopia

52.9956, 51.8970, 60.6500



Tritanopia

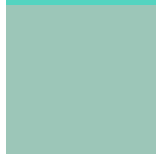
40.6971, 52.5489, 78.5190

Trichromacy



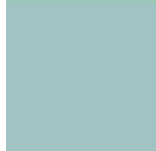
Original Color

36.7141, 52.7776, 58.1212



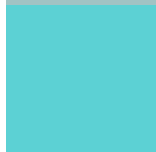
Protanomaly

42.5561, 50.9168, 52.9324



Deuteranomaly

44.3792, 50.6971, 59.6710



Tritanomaly

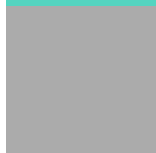
39.0978, 52.6297, 70.3852

Monochromacy



Original Color

36.7141, 52.7776, 58.1212



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

36.3430, 43.8615, 49.1985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7141, 52.7776, 58.1212 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(84, 212, 192)` looks like.

```
.text, #text, p{  
    color:rgb(84, 212, 192)  
}
```

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(84, 212, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 212, 192) }
```

Border

The CSS property to change the border of an element to XYZ 36.7141, 52.7776, 58.1212 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(84, 212, 192) }
```


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

```
.border{ border-color:rgb(84, 212, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 212, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 212, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 212, 192);  
box-shadow:4px 4px 4px 4px rgb(84, 212,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7141, 52.7776, 58.1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 212, 192) }
```

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

```
.background{ background-color: rgb(84, 212,  
192) }
```

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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