

Converting Colors

XYZ(38.6505, 52.6346, 66.0219)

Have a look what the booklet for
XYZ(38.6505, 52.6346, 66.0219)
contains.

| | |
|--|----|
| XYZ(38.5392, 52.4416, 65.8486) | 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(38.5392, 52.4416,
65.8486)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5FD1CD |
| RGB | 95, 209, 205 |
| RGB Percent | 37%, 82%, 80% |
| CMY | 0.6274, 0.1804, 0.1961 |
| CMYK | 0.55, 0.00, 0.02, 0.18 |
| HSL | 178°, 55%, 60% |
| HSV | 178°, 55%, 82% |
| XYZ | 38.5392, 52.4416, 65.8486 |
| YIQ | 174.4580, -66.6600, -25.4120 |

Conversions

Conversions Part 2

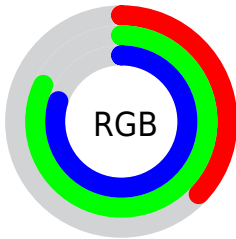
| Format | Color |
|-------------------------------------|--|
| RYB | 95, 153, 209 |
| Decimal | 6279629 |
| CIELab | 77.54, -33.13, -7.85 |
| CIELCh | 78, 34.048, 193.328 |
| Yxy | 52.4416, 0.2457, 0.3344 |
| Android (android.graphics.Color) | 4284469709 (0xFF5FD1CD) |
| YUV | 174.4580, 15.0572, -69.6847 |
| Hunter-Lab | 72.4166, -31.7335, -3.2210 |

Details

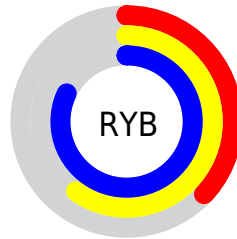
The XYZ color **38.5392, 52.4416, 65.8486** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **32.6406, 22.6421, 14.4561**, and the grayscale version is **40.4186, 42.5235, 46.3081**.

A 20% lighter version of the original color is **67.3276, 85.7086, 107.6026**, and **17.3910, 25.4742, 33.2786** is the 20% darker color. If you saturate the color by 10%, you get **36.5646, 51.4351, 65.2960**, and if you desaturate by 10%, it is **41.0996, 53.7525, 66.4331**.

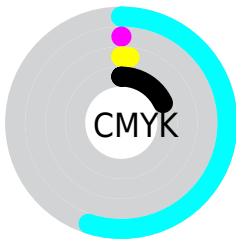
Distribution



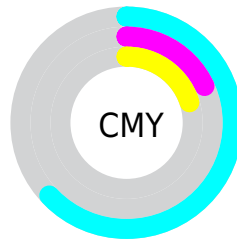
- Red (37%)
- Green (82%)
- Blue (80%)



- Red (37%)
- Yellow (60%)
- Blue (82%)



- Cyan (55%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (63%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5392, 52.4416, 65.8486 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 38.5392, 52.4416, 65.8486 by changing the saturation by 10% instead.

■ 38.5392, 52.4416,
65.8486

■ 38.5392, 52.4416,
65.8486

331.1684,
396.1391, 464.2247

■ 26.5806, 37.3572,
47.6938

■ 72.2324, 93.7822,
114.8939

■ 17.3934, 25.4842,
33.2262

■ 94.6977, 120.8071,
146.6216

■ 10.6124, 16.4381,
22.0273

■ 121.3959,
152.5811, 183.7105

■ 5.8722, 9.8347,
13.6784

■ 152.6924,
189.4884, 226.5794

■ 2.8075, 5.2895,
7.7612

188.9526,
231.9134, 275.6467

■ 1.0528, 2.4181,
3.8569

230.5417,

■ 0.0000, 0.8352,

280.2406, 331.3310

1.5472

277.8252,
334.8544, 394.0508

■ 0.0000, 0.0000,
0.2527

■ 0.0000, 0.0000,
0.0000

■ 38.5392, 52.4416,
65.8486

■ 38.5392, 52.4416,
65.8486

■ 36.5646, 51.4351,
65.2960

■ 41.0996, 53.7525,
66.4331

■ 35.1235, 50.7023,
64.7695


■ 44.2836, 55.3836,
67.0477


■ 34.1622, 50.2169,
64.2675


■ 48.1314, 57.3568,
67.6956


■ 33.6133, 49.9440,
63.7870


■ 52.6782, 59.6904,
68.3784


 33.4225, 49.8511,
63.5308

 57.9570, 62.4013,
69.0976

 63.9986, 65.5053,
69.8547

 70.8320, 69.0175,
70.6511

 75.7830, 71.5593,
71.3615

 75.8752, 71.5962,
71.8468

Harmonies

Analogous

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



38.7001, 52.4416, 47.3407



38.5392, 52.4416, 65.8486



41.2115, 52.4416, 85.6819

Triad

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



38.5392, 52.4416, 65.8486



59.0202, 52.4416, 87.6528



53.5553, 52.4416, 28.9910

Complementary

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



38.5392, 52.4416, 65.8486



32.6406, 22.6421, 14.4561

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.



59.6053, 52.4416, 35.7070



38.5392, 52.4416, 65.8486



62.9452, 52.4416, 68.1160

Square

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



38.5392, 52.4416, 65.8486



52.8120, 52.4416, 100.0123



63.1683, 52.4416, 49.1628



46.9897, 52.4416, 28.6448

Rectangle

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



38.5392, 52.4416, 65.8486



44.3882, 52.4416, 95.8940



63.1683, 52.4416, 49.1628



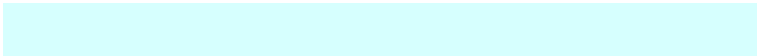
55.7298, 52.4416, 30.4979

Sweetspot

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



38.5408, 52.4436, 65.8498



81.3702, 92.9743, 107.0605



30.2009, 49.1786, 18.7283



17.0872, 19.7313, 22.8671



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.



38.5408, 52.4436, 65.8498



57.0310, 80.5071, 102.3044



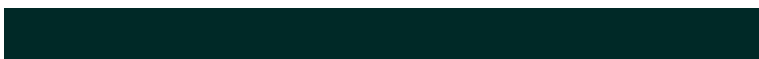
28.4053, 31.3897, 64.8855



12.1397, 13.3996, 15.0920



20.6146, 30.7388, 39.2119



1.1584, 1.7210, 2.2227

Inverse Universe

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



32.6406, 22.6421, 14.4561



46.9019, 29.2739, 14.0213



38.6871, 35.0338, 15.5508



11.8253, 11.8149, 12.3559



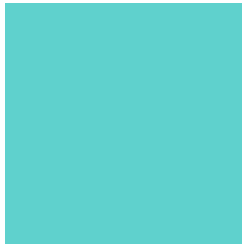
16.2448, 8.3707, 0.9292



0.9143, 0.4705, 0.0837

Previews

White Background



This preview shows how the XYZ color 38.5392, 52.4416, 65.8486 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 38.5392, 52.4416, 65.8486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

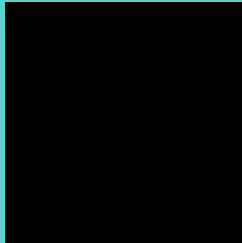
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

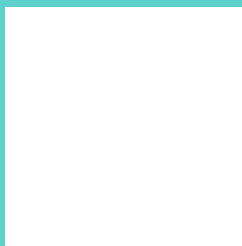
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5392, 52.4416, 65.8486

Background



This preview shows how black text looks on a background with the XYZ color 38.5392, 52.4416, 65.8486.

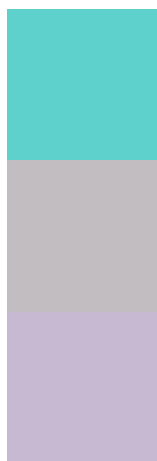


This preview shows how white text looks on a background with the XYZ color 38.5392, 52.4416,

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

38.5392, 52.4416, 65.8486

Protanopia

49.8156, 51.5829, 57.7830

Deuteranopia

52.8012, 51.6304, 68.1555



Tritanopia

40.8701, 52.2951, 77.7519

Trichromacy



Original Color

38.5392, 52.4416, 65.8486



Protanomaly

43.7226, 50.6792, 60.3010



Deuteranomaly

45.5772, 50.8190, 67.0814



Tritanomaly

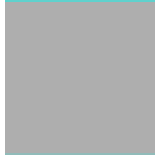
39.8531, 52.2362, 72.9479

Monochromacy



Original Color

38.5392, 52.4416, 65.8486



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

38.2043, 45.0632, 52.5834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5392, 52.4416, 65.8486 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, 209, 205)` looks like.

```
.text, #text, p{  
    color:rgb(95, 209, 205)  
}
```

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, 209, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 209, 205) }
```

Border

The CSS property to change the border of an element to XYZ 38.5392, 52.4416, 65.8486 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, 209, 205) }
```


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

```
.border{ border-color:rgb(95, 209, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 209, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 209, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 209, 205);  
box-shadow:4px 4px 4px 4px rgb(95, 209,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5392, 52.4416, 65.8486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 209, 205) }
```

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

```
.background{ background-color: rgb(95, 209,  
205) }
```

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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