

Converting Colors

XYZ(38.5461, 54.4193, 64.2349)

Have a look what the booklet for
XYZ(38.5461, 54.4193, 64.2349)
contains.

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Color

**XYZ(38.5450, 54.3358,
64.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	56D6CA
RGB	86, 214, 202
RGB Percent	34%, 84%, 79%
CMY	0.6627, 0.1608, 0.2078
CMYK	0.60, 0.00, 0.06, 0.16
HSL	174°, 61%, 59%
HSV	174°, 60%, 84%
XYZ	38.5450, 54.3358, 64.3334
YIQ	174.3600, -72.4360, -30.8680

Conversions

Conversions Part 2

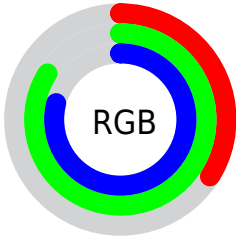
Format	Color
R _Y B	86, 153, 214
Decimal	5691082
CIE Lab	78.66, -37.91, -4.62
CIE LCh	79, 38.191, 186.952
Yxy	54.3358, 0.2452, 0.3456
Android (android.graphics.Color)	4283881162 (0xFF56D6CA)
YUV	174.3600, 13.6265, -77.4917
Hunter-Lab	73.7128, -35.6584, -0.1468

Details

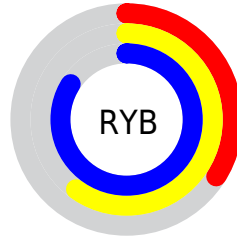
The XYZ color **38.5450, 54.3358, 64.3334** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **33.2658, 21.8352, 14.0186**, and the grayscale version is **40.3776, 42.4804, 46.2611**.

A 20% lighter version of the original color is **66.0227, 85.0359, 107.5415**, and **17.7434, 26.9344, 32.2807** is the 20% darker color. If you saturate the color by 10%, you get **36.6261, 53.3751, 63.0125**, and if you desaturate by 10%, it is **41.0599, 55.6059, 65.7008**.

Distribution



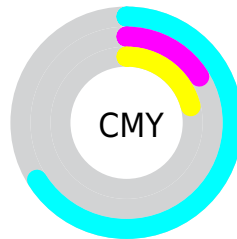
- Red (34%)
- Green (84%)
- Blue (79%)



- Red (34%)
- Yellow (60%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5450, 54.3358, 64.3334 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 38.5450, 54.3358, 64.3334 by changing the saturation by 10% instead.

38.5450, 54.3358,
64.3334

38.5450, 54.3358,
64.3334

331.1927,
403.3892, 458.6331

26.5851, 38.8702,
46.4729

72.2412, 96.5671,
112.6950

17.3968, 26.6588,
32.2678

94.7083, 124.1016,
144.0332

10.6149, 17.3171,
21.2996

121.4084,
156.4279, 180.7010

5.8739, 10.4608,
13.1498

152.7070,
193.9303, 223.1169

2.8085, 5.7056,
7.3998

188.9693,
236.9932, 271.6996

1.0533, 2.6669,
3.6312

230.5608,

0.0000, 0.9604,

286.0011, 326.8674

1.4253

277.8468,
341.3383, 389.0391

■ 0.0000, 0.0000,
0.1613

■ 0.0000, 0.0000,
0.0000

■ 38.5450, 54.3358,
64.3334

■ 38.5450, 54.3358,
64.3334

■ 36.6261, 53.3751,
63.0125

■ 41.0599, 55.6059,
65.7008

■ 35.2440, 52.6895,
61.7315

■ 44.2137, 57.2038,
67.1130

■ 34.3357, 52.2479,
60.4887

■ 48.0511, 59.1537,
68.5736

■ 33.7873, 51.9914,
59.2787

■ 52.6110, 61.4757,
70.0842

■ 33.7779, 51.9870,
59.2560

■ 57.9298, 64.1885,
71.6467

■ 64.0412, 67.3096,
73.2627

■ 70.9768, 70.8553,
74.9338

■ 77.9494, 74.4196,
76.6232

■ 78.2138, 74.5254,
78.0152

Harmonies

Analogous

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



39.4162, 54.3358, 44.3462



38.5450, 54.3358, 64.3334



40.9005, 54.3358, 87.8073

Triad

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



38.5450, 54.3358, 64.3334



60.8623, 54.3358, 98.9473



57.5328, 54.3358, 28.5830

Complementary

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



38.5450, 54.3358, 64.3334



33.2658, 21.8352, 14.0186

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.



64.1224, 54.3358, 37.5423



38.5450, 54.3358, 64.3334



66.1717, 54.3358, 76.9580

Square

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



38.5450, 54.3358, 64.3334



53.4199, 54.3358, 110.7090



67.4193, 54.3358, 54.2763



49.9090, 54.3358, 26.7695

Rectangle

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



38.5450, 54.3358, 64.3334



44.1327, 54.3358, 101.2518



67.4193, 54.3358, 54.2763



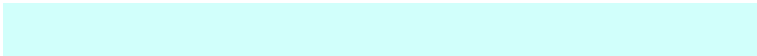
59.9638, 54.3358, 30.7307

Sweetspot

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



38.5466, 54.3379, 64.3347



79.4475, 92.0358, 104.5932



30.8518, 51.4085, 17.1022



16.5424, 19.4636, 22.2435



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.



38.5466, 54.3379, 64.3347



53.7889, 79.0352, 93.1433



29.0389, 32.9590, 68.4518



12.7396, 14.0869, 15.7094



20.4367, 31.4300, 35.9250



1.2476, 1.9017, 2.2456

Inverse Universe

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



33.2658, 21.8352, 14.0186



45.3058, 26.5324, 12.1001



38.3873, 32.9183, 13.1361



12.4701, 12.4395, 13.1497



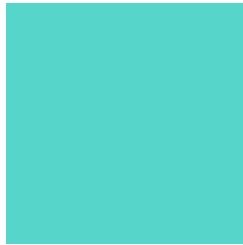
16.8556, 8.6786, 1.2777



1.0333, 0.5301, 0.1646

Previews

White Background



This preview shows how the XYZ color 38.5450, 54.3358, 64.3334 looks on a white background.

Color Contrast Check

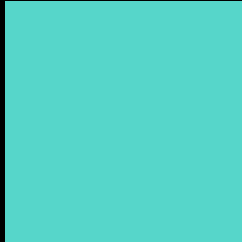
Large Text (above 18pt) WCAG AA × Fail

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 38.5450, 54.3358, 64.3334 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

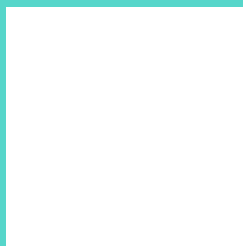
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5450, 54.3358, 64.3334

Background



This preview shows how black text looks on a background with the XYZ color 38.5450, 54.3358, 64.3334.

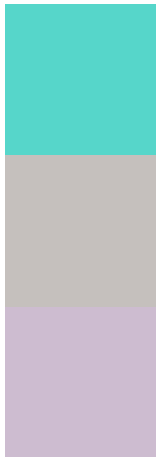


This preview shows how white text looks on a background with the XYZ color 38.5450, 54.3358,

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

38.5450, 54.3358, 64.3334

Protanopia

51.0609, 53.2437, 55.7300

Deuteranopia

54.5452, 53.4996, 67.1261



Tritanopia

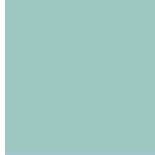
41.7356, 54.1260, 80.9207

Trichromacy



Original Color

38.5450, 54.3358, 64.3334



Protanomaly

44.2965, 52.3717, 58.8130



Deuteranomaly

46.0071, 52.0701, 66.0182



Tritanomaly

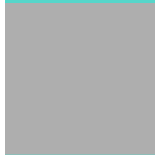
40.3628, 53.9258, 74.6110

Monochromacy



Original Color

38.5450, 54.3358, 64.3334



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

38.0047, 45.6067, 52.1473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5450, 54.3358, 64.3334 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(86, 214, 202)` looks like.

```
.text, #text, p{  
    color:rgb(86, 214, 202)  
}
```

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(86, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 214, 202) }
```

Border

The CSS property to change the border of an element to XYZ 38.5450, 54.3358, 64.3334 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(86, 214, 202) }
```


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

```
.border{ border-color:rgb(86, 214, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 214, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(86, 214,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5450, 54.3358, 64.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 214, 202) }
```

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

```
.background{ background-color: rgb(86, 214,  
202) }
```

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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