

Converting Colors

XYZ(33.8557, 45.0871, 58.2642)

Have a look what the booklet for
XYZ(33.8557, 45.0871, 58.2642)
contains.

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Color

**XYZ(33.8614, 44.9566,
58.5226)**

Conversions

Conversions Part 1

Format	Color
Hex	5FC2C3
RGB	95, 194, 195
RGB Percent	37%, 76%, 76%
CMY	0.6274, 0.2392, 0.2353
CMYK	0.51, 0.01, 0.00, 0.24
HSL	181°, 45%, 57%
HSV	181°, 51%, 76%
XYZ	33.8614, 44.9566, 58.5226
YIQ	164.5130, -59.3250, -20.6770

Conversions

Conversions Part 2

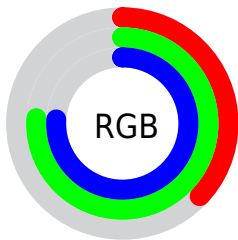
Format	Color
R_{YB}	95, 145, 195
Decimal	6275779
CIE _{Lab}	72.86, -28.58, -9.40
CIE _{LCh}	73, 30.084, 198.205
Yxy	44.9566, 0.2466, 0.3273
Android (android.graphics.Color)	4284465859 (0xFF5FC2C3)
YUV	164.5130, 15.0301, -60.9629
Hunter-Lab	67.0497, -27.1910, -4.8150

Details

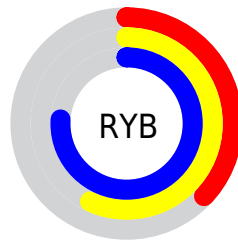
The XYZ color **33.8614, 44.9566, 58.5226** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **28.7549, 20.7948, 13.3257**, and the grayscale version is **35.4831, 37.3310, 40.6534**.

A 20% lighter version of the original color is **65.2047, 82.7949, 104.6398**, and **14.6378, 20.9123, 28.4643** is the 20% darker color. If you saturate the color by 10%, you get **32.0409, 43.9549, 58.4260**, and if you desaturate by 10%, it is **36.1916, 46.2232, 58.6451**.

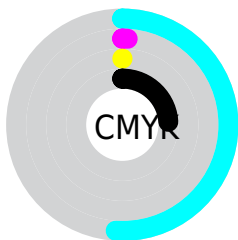
Distribution



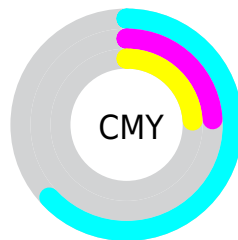
- Red (37%)
- Green (76%)
- Blue (76%)



- Red (37%)
- Yellow (57%)
- Blue (76%)



- Cyan (51%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8614, 44.9566, 58.5226 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 33.8614, 44.9566, 58.5226 by changing the saturation by 10% instead.


 33.8614, 44.9566,
58.5226


 33.8614, 44.9566,
58.5226


311.1104,
366.5978, 436.7830


 22.9495, 31.4232,
41.8115


 65.0638, 82.6553,
104.2058


 14.6767, 20.9213,
28.6292

 86.0850, 107.5894,
134.0149

 8.6777, 13.0665,
18.5573


 111.2068,
137.0926, 169.0271

 4.5870, 7.4744,
11.1773

 140.7944,
171.5491, 209.6609

 2.0393, 3.7605,
6.0706

175.2132,
211.3436, 256.3348

 0.6559, 1.5405,
2.8185

214.8285,

 0.0000, 0.3170,

256.8602, 309.4675

1.0027

260.0058,
308.4835, 369.4773

■ 0.0000, 0.0000,
0.0000

■ 33.8614, 44.9566,
58.5226

■ 33.8614, 44.9566,
58.5226

■ 32.0409, 43.9549,
58.4260

■ 36.1916, 46.2232,
58.6451

■ 30.6876, 43.1930,
58.3503

■ 39.0620, 47.7674,
58.7918

■ 29.7585, 42.6500,
58.2944

■ 42.5055, 49.6072,
58.9654

■ 29.2014, 42.2987,
58.2560

■ 46.5514, 51.7575,
59.1673

■ 28.9326, 42.1044,
58.2326

■ 51.2266, 54.2324,
59.3985

■ 56.5568, 57.0449,
59.6605

■ 62.5660, 60.2076,
59.9542

■ 69.2770, 63.7322,
60.2808

■ 70.7752, 64.5696,
60.3635

Harmonies

Analogous

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



33.6125, 44.9566, 43.2894



33.8614, 44.9566, 58.5226



36.3648, 44.9566, 73.7481

Triad

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



33.8614, 44.9566, 58.5226



50.6843, 44.9566, 70.7922



44.8212, 44.9566, 25.8017

Complementary

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



33.8614, 44.9566, 58.5226



28.7549, 20.7948, 13.3257

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.



49.7975, 44.9566, 30.4461



33.8614, 44.9566, 58.5226



53.3628, 44.9566, 55.0840

Square

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



33.8614, 44.9566, 58.5226



45.9532, 44.9566, 81.7687



53.0256, 44.9566, 40.4829



39.6609, 44.9566, 26.3501

Rectangle

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



33.8614, 44.9566, 58.5226



39.0996, 44.9566, 80.9019



53.0256, 44.9566, 40.4829



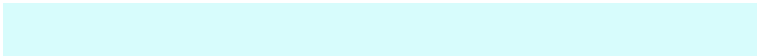
46.5782, 44.9566, 26.7611

Sweetspot

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



33.8627, 44.9583, 58.5237



80.3770, 91.1068, 105.8188



26.3009, 42.2903, 17.6041



17.2608, 19.7703, 23.1563



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.



33.8627, 44.9583, 58.5237



56.9208, 78.4641, 104.6148



24.6961, 26.6250, 55.4681



10.3597, 11.4106, 12.9413



18.8083, 27.3731, 37.8489



0.8155, 1.1883, 1.6363

Inverse Universe

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



36.3366, 23.6827, 53.6969



61.8795, 36.0907, 94.8787



34.6976, 32.6802, 15.3066



10.4928, 10.2457, 12.6858



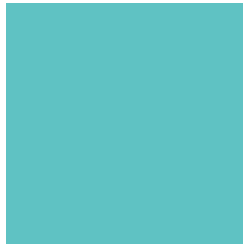
20.8895, 10.0456, 33.6600



0.9040, 0.4346, 1.4618

Previews

White Background



This preview shows how the XYZ color 33.8614, 44.9566, 58.5226 looks on a white background.

Color Contrast Check

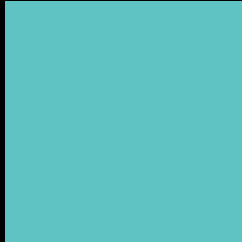
Large Text (above 18pt) WCAG AA × Fail

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 33.8614, 44.9566, 58.5226 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

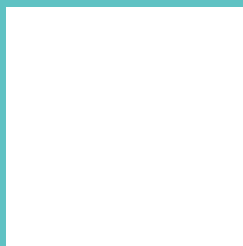
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.8614, 44.9566, 58.5226

Background



This preview shows how black text looks on a background with the XYZ color 33.8614, 44.9566, 58.5226.

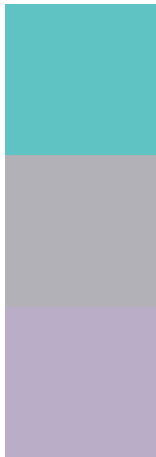


This preview shows how white text looks on a background with the XYZ color 33.8614, 44.9566,

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

33.8614, 44.9566, 58.5226

Protanopia

42.9643, 44.4887, 51.6701

Deuteranopia

45.3765, 44.3716, 60.8166



Tritanopia

35.3804, 44.9060, 66.4775

Trichromacy



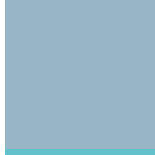
Original Color

33.8614, 44.9566, 58.5226



Protanomaly

38.2233, 43.7937, 54.0154



Deuteranomaly

39.6658, 43.8004, 59.7898



Tritanomaly

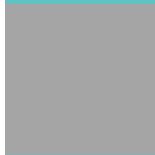
34.8865, 45.0484, 63.3564

Monochromacy



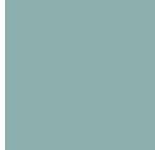
Original Color

33.8614, 44.9566, 58.5226



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

34.1770, 39.7607, 46.9476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8614, 44.9566, 58.5226 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, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(95, 194, 195)  
}
```

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, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 194, 195) }
```

Border

The CSS property to change the border of an element to XYZ 33.8614, 44.9566, 58.5226 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, 194, 195) }
```


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

```
.border{ border-color:rgb(95, 194, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(95, 194,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8614, 44.9566, 58.5226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 194, 195) }
```

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

```
.background{ background-color: rgb(95, 194,  
195) }
```

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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