

Converting Colors

XYZ(43.8019, 57.6771, 58.8625)

Have a look what the booklet for
XYZ(43.8019, 57.6771, 58.8625)
contains.

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Color

**XYZ(43.6464, 57.4750,
58.6625)**

Conversions

Conversions Part 1

Format	Color
Hex	86D7C0
RGB	134, 215, 192
RGB Percent	53%, 84%, 75%
CMY	0.4745, 0.1568, 0.2471
CMYK	0.38, 0.00, 0.11, 0.16
HSL	163°, 50%, 68%
HSV	163°, 38%, 84%
XYZ	43.6464, 57.4750, 58.6625
YIQ	188.1590, -40.8930, -24.3250

Conversions

Conversions Part 2

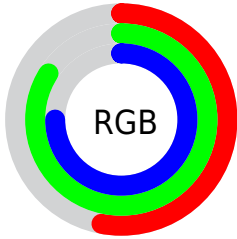
Format	Color
RYB	134, 181, 215
Decimal	8837056
CIELab	80.45, -29.96, 3.55
CIELCh	80, 30.174, 173.252
Yxy	57.4750, 0.2732, 0.3597
Android (android.graphics.Color)	4287027136 (0xFF86D7C0)
YUV	188.1590, 1.8936, -47.4974
Hunter-Lab	75.8123, -29.9060, 7.1908

Details

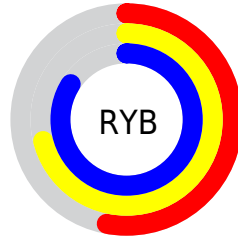
The XYZ color **43.6464, 57.4750, 58.6625** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.6372, 33.9331, 36.2032**, and the grayscale version is **47.8979, 50.3923, 54.8772**.

A 20% lighter version of the original color is **73.9385, 89.2445, 102.1359**, and **20.4555, 28.6680, 28.8815** is the 20% darker color. If you saturate the color by 10%, you get **39.8995, 55.6215, 55.0295**, and if you desaturate by 10%, it is **48.1212, 59.7035, 62.4786**.

Distribution



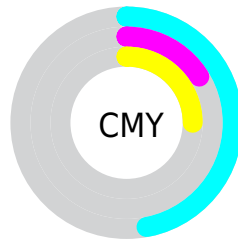
- Red (53%)
- Green (84%)
- Blue (75%)



- Red (53%)
- Yellow (71%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)





- Cyan (47%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6464, 57.4750, 58.6625 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 43.6464, 57.4750, 58.6625 by changing the saturation by 10% instead.


 43.6464, 57.4750,
58.6625


 43.6464, 57.4750,
58.6625


352.1400,
415.2268, 437.3171


 30.5893, 41.3867,
41.9233


 79.9350, 101.1579,
104.4113

 20.4366, 28.6214,
28.7161


 103.8973,
129.5214, 134.2579

 12.8229, 18.7946,
18.6224


 132.2254,
162.7454, 169.3107

 7.3829, 11.5220,
11.2237

165.2846,
201.2143, 209.9883

 3.7511, 6.4191,
6.1015

203.4403,
245.3125, 256.7092

 1.5623, 3.1015,
2.8371

247.0579,

 0.3677, 1.1850,

295.4243, 309.8919

1.0121

296.5027,
351.9343, 369.9550

■ 0.0000, 0.0494,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6464, 57.4750,
58.6625

■ 43.6464, 57.4750,
58.6625

■ 39.8995, 55.6215,
55.0295

■ 48.1212, 59.7035,
62.4786

■ 36.8329, 54.1139,
51.5718

■ 53.3584, 62.3203,
66.4774

■ 34.4007, 52.9303,
48.2869

■ 59.3958, 65.3463,
70.6636

■ 32.5492, 52.0428,
45.1703

■ 66.2676, 68.7991,
75.0404

■ 31.2152, 51.4191,
42.2172

■ 74.0056, 72.6950,
79.6110

■ 30.3114, 51.0141,
39.4217

■ 79.6334, 75.4997,
84.2377

■ 30.1299, 50.9343,
38.7924

■ 80.4994, 75.8461,
88.7981

■ 81.3957, 76.2046,
93.5178

■ 82.3226, 76.5754,
98.3986

Harmonies

Analogous

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



45.6404, 57.4750, 44.3311



43.6464, 57.4750, 58.6625



44.4118, 57.4750, 77.0161

Triad

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



43.6464, 57.4750, 58.6625



59.4602, 57.4750, 99.3889



62.0586, 57.4750, 39.0598

Complementary

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



43.6464, 57.4750, 58.6625



42.6372, 33.9331, 36.2032

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.



66.3024, 57.4750, 50.0718



43.6464, 57.4750, 58.6625



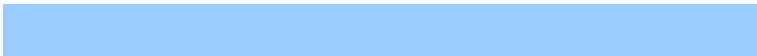
64.7248, 57.4750, 85.2554

Square

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



43.6464, 57.4750, 58.6625



53.2425, 57.4750, 102.8743



67.3131, 57.4750, 66.6692



56.0379, 57.4750, 34.4795

Rectangle

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



43.6464, 57.4750, 58.6625



46.4144, 57.4750, 88.9465



67.3131, 57.4750, 66.6692



63.7582, 57.4750, 42.0194

Sweetspot

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



43.6480, 57.4773, 58.6638



84.2166, 94.5603, 101.8368



42.7650, 57.6241, 31.4239



17.7624, 20.1077, 21.6161



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.



43.6480, 57.4773, 58.6638



59.8577, 82.4133, 82.1508



42.4765, 50.7317, 71.8461



12.6348, 14.0449, 15.1573



18.0681, 30.4826, 23.4520



1.1245, 1.8525, 1.5974

Inverse Universe

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



42.6372, 33.9331, 36.2032



58.1816, 43.1001, 44.7048



43.2676, 38.0465, 27.6185



12.5668, 12.4782, 13.6590



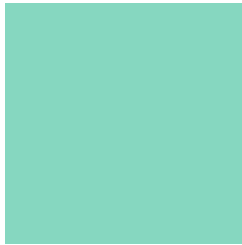
17.3062, 8.8588, 3.6504



1.0793, 0.5485, 0.4069

Previews

White Background



This preview shows how the XYZ color 43.6464, 57.4750, 58.6625 looks on a white background.

Color Contrast Check

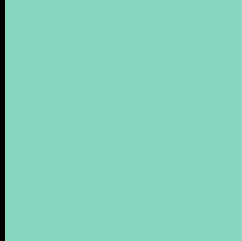
Large Text (above 18pt) WCAG AA × Fail

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 43.6464, 57.4750, 58.6625 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

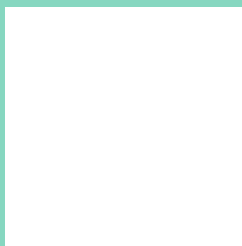
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6464, 57.4750, 58.6625

Background



This preview shows how black text looks on a background with the XYZ color 43.6464, 57.4750, 58.6625.



This preview shows how white text looks on a background with the XYZ color 43.6464, 57.4750,

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

43.6464, 57.4750, 58.6625

Protanopia

54.1949, 56.9289, 52.9317

Deuteranopia

57.8411, 56.6359, 60.7066



Tritanopia

48.0671, 57.3900, 81.2170

Trichromacy



Original Color

43.6464, 57.4750, 58.6625



Protanomaly

49.2782, 56.4342, 54.7500



Deuteranomaly

50.9981, 55.8135, 59.7149



Tritanomaly

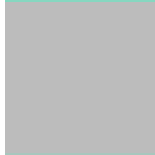
46.3285, 57.4310, 72.2618

Monochromacy



Original Color

43.6464, 57.4750, 58.6625



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

45.5278, 52.3871, 55.8563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6464, 57.4750, 58.6625 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(134, 215, 192)` looks like.

```
.text, #text, p{  
    color:rgb(134, 215, 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(134, 215, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 215, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.6464, 57.4750, 58.6625 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(134, 215, 192) }
```


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

```
.border{ border-color:rgb(134, 215, 192) }
```

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

Here you see how a box with a 4 pixel rgb(134, 215, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 215, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 215, 192);  
box-shadow:4px 4px 4px 4px rgb(134, 215,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6464, 57.4750, 58.6625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 215, 192) }
```

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

```
.background{ background-color: rgb(134,  
215, 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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