

Converting Colors

XYZ(43.6544, 50.6382, 58.4658)

Have a look what the booklet for
XYZ(43.6544, 50.6382, 58.4658)
contains.

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Color

**XYZ(43.7756, 50.7458,
58.5266)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC4C2
RGB	159, 196, 194
RGB Percent	62%, 77%, 76%
CMY	0.3765, 0.2314, 0.2392
CMYK	0.19, 0.00, 0.01, 0.23
HSL	177°, 24%, 70%
HSV	177°, 19%, 77%
XYZ	43.7756, 50.7458, 58.5266
YIQ	184.7090, -21.4100, -8.4660

Conversions

Conversions Part 2

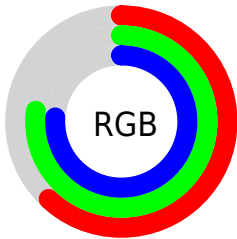
Format	Color
RYB	159, 178, 196
Decimal	10470594
CIELab	76.52, -12.68, -3.09
CIELCh	77, 13.054, 193.691
Yxy	50.7458, 0.2860, 0.3316
Android (android.graphics.Color)	4288660674 (0xFF9FC4C2)
YUV	184.7090, 4.5805, -22.5468
Hunter-Lab	71.2361, -14.9723, 1.1534

Details

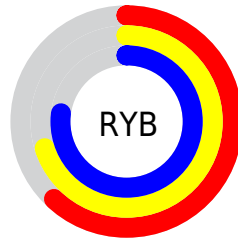
The XYZ color **43.7756, 50.7458, 58.5266** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.5979, 39.1067, 39.0763**, and the grayscale version is **45.9375, 48.3298, 52.6312**.

A 20% lighter version of the original color is **80.1122, 91.4488, 103.8715**, and **20.4700, 24.3653, 28.4350** is the 20% darker color. If you saturate the color by 10%, you get **40.0745, 48.8529, 57.7347**, and if you desaturate by 10%, it is **48.0968, 52.9610, 59.3541**.

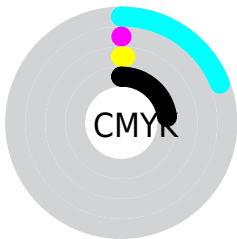
Distribution



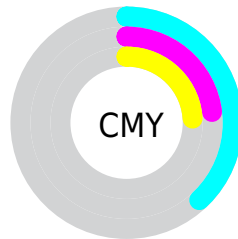
- Red (62%)
- Green (77%)
- Blue (76%)



- Red (62%)
- Yellow (70%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)





- Cyan (38%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7756, 50.7458, 58.5266 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 43.7756, 50.7458, 58.5266 by changing the saturation by 10% instead.


 43.7756, 50.7458,
58.5266


 43.7756, 50.7458,
58.5266


352.6595,
389.5754, 436.7982

 30.6913, 36.0063,
41.8147


 80.1284, 91.2789,
104.2117

 20.5146, 24.4391,
28.6317


 104.1276,
117.8414, 134.0218

 12.8801, 15.6597,
18.5592


132.4958,
149.1136, 169.0352

 7.4224, 9.2836,
11.1786

165.5984,
185.4800, 209.6702

 3.7763, 4.9267,
6.0714

203.8007,
227.3250, 256.3455

 1.5764, 2.2043,
2.8191

247.4681,

 0.3769, 0.7223,

275.0330, 309.4796

1.0030

296.9659,
328.9883, 369.4910

■ 0.0000, 0.0000,
0.0000

■ 43.7756, 50.7458,
58.5266

■ 43.7756, 50.7458,
58.5266

■ 40.0745, 48.8529,
57.7347

■ 48.0968, 52.9610,
59.3541

■ 36.9601, 47.2610,
56.9736

■ 53.0609, 55.5061,
60.2151

■ 34.4026, 45.9561,
56.2429

■ 58.6946, 58.3964,
61.1119

■ 32.3679, 44.9205,
55.5412

■ 65.0221, 61.6443,
62.0456

■ 30.8178, 44.1347,
54.8665

■ 71.3251, 64.8794,
62.9827

■ 29.7092, 43.5765,
54.2169

■ 71.4490, 64.9289,
63.6351

■ 28.9915, 43.2196,
53.5900

■ 71.5738, 64.9788,
64.2920

■ 28.5798, 43.0204,
52.9818

■ 71.6994, 65.0291,
64.9534

■ 28.5396, 43.0012,
52.9141

■ 71.8259, 65.0797,
65.6194

Harmonies

Analogous

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



43.8281, 50.7458, 51.5315



43.7756, 50.7458, 58.5266



44.8882, 50.7458, 65.1627

Triad

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



43.7756, 50.7458, 58.5266



51.5785, 50.7458, 65.6530



49.5746, 50.7458, 43.2310

Complementary

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



43.7756, 50.7458, 58.5266



41.5979, 39.1067, 39.0763

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.



51.7386, 50.7458, 46.4036



43.7756, 50.7458, 58.5266



52.9222, 50.7458, 59.1506

Square

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



43.7756, 50.7458, 58.5266



49.3621, 50.7458, 69.5075



52.9818, 50.7458, 52.1049



47.1200, 50.7458, 43.0950

Rectangle

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



43.7756, 50.7458, 58.5266



46.1636, 50.7458, 68.3262



52.9818, 50.7458, 52.1049



50.3620, 50.7458, 43.9647

Sweetspot

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



43.7771, 50.7479, 58.5277



89.5104, 97.1596, 107.9463



40.7916, 49.6108, 40.2277



19.0355, 20.7329, 23.0830



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.



43.7771, 50.7479, 58.5277



76.1592, 90.3200, 105.3702



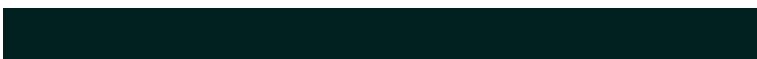
40.5779, 43.9872, 58.5786



10.3442, 11.4187, 12.8160



18.3476, 27.6331, 34.0532



0.8001, 1.1969, 1.5099

Inverse Universe

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



41.5979, 39.1067, 39.0763



71.4288, 65.0459, 63.1430



44.3612, 44.9136, 39.1329



10.0948, 10.0865, 10.5898



14.6751, 7.5598, 0.9354



0.6418, 0.3297, 0.0813

Previews

White Background



This preview shows how the XYZ color 43.7756, 50.7458, 58.5266 looks on a white background.

Color Contrast Check

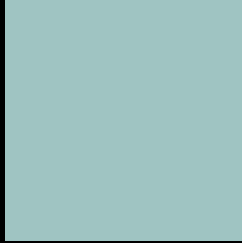
Large Text (above 18pt) WCAG AA × Fail

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 43.7756, 50.7458, 58.5266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

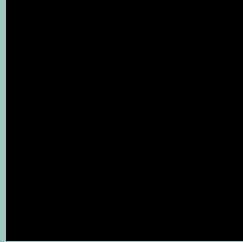
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7756, 50.7458, 58.5266

Background



This preview shows how black text looks on a background with the XYZ color 43.7756, 50.7458, 58.5266.



This preview shows how white text looks on a background with the XYZ color 43.7756, 50.7458,

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

43.7756, 50.7458, 58.5266

Protanopia

48.4415, 50.2911, 55.2981

Deuteranopia

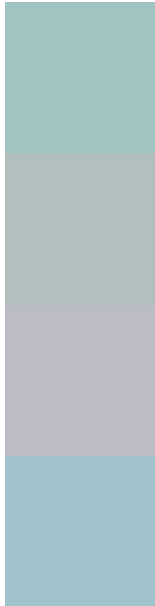
51.6401, 50.5947, 59.8673



Tritanopia

45.7007, 50.8684, 67.7315

Trichromacy



Original Color

43.7756, 50.7458, 58.5266

Protanomaly

46.4078, 50.1722, 56.5285

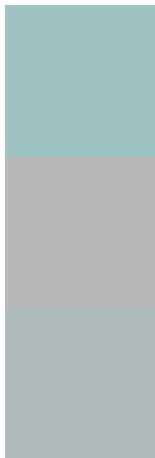
Deuteranomaly

48.4405, 50.5168, 59.4222

Tritanomaly

45.1121, 50.9669, 64.5867

Monochromacy



Original Color

43.7756, 50.7458, 58.5266

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1792, 49.2561, 54.7031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7756, 50.7458, 58.5266 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(159, 196, 194)` looks like.

```
.text, #text, p{  
    color:rgb(159, 196, 194)  
}
```

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(159, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 196, 194) }
```

Border

The CSS property to change the border of an element to XYZ 43.7756, 50.7458, 58.5266 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(159, 196, 194) }
```


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

```
.border{ border-color:rgb(159, 196, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 196, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 196, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 196, 194);  
box-shadow:4px 4px 4px 4px rgb(159, 196,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7756, 50.7458, 58.5266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 196, 194) }
```

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

```
.background{ background-color: rgb(159,  
196, 194) }
```

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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