

Converting Colors

XYZ(42.5138, 48.6860, 57.5405)

Have a look what the booklet for
XYZ(42.5138, 48.6860, 57.5405)
contains.

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Color

**XYZ(42.5758, 48.8186,
57.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC0C1
RGB	158, 192, 193
RGB Percent	62%, 75%, 76%
CMY	0.3804, 0.2470, 0.2431
CMYK	0.18, 0.01, 0.00, 0.24
HSL	182°, 22%, 69%
HSV	182°, 18%, 76%
XYZ	42.5758, 48.8186, 57.6310
YIQ	181.9480, -20.5850, -6.8970

Conversions

Conversions Part 2

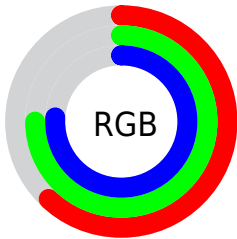
Format	Color
R_{YB}	158, 175, 193
Decimal	10404033
CIE _{Lab}	75.34, -11.13, -4.30
CIE _{LCh}	75, 11.932, 201.132
Yxy	48.8186, 0.2857, 0.3276
Android (android.graphics.Color)	4288594113 (0xFF9EC0C1)
YUV	181.9480, 5.4486, -21.0024
Hunter-Lab	69.8703, -13.5032, 0.0052

Details

The XYZ color **42.5758, 48.8186, 57.6310** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5624, 38.6024, 37.6618**, and the grayscale version is **44.4155, 46.7286, 50.8874**.

A 20% lighter version of the original color is **78.1069, 88.1205, 102.5148**, and **19.9101, 23.4229, 28.2826** is the 20% darker color. If you saturate the color by 10%, you get **38.9535, 46.7736, 57.4280**, and if you desaturate by 10%, it is **46.7976, 51.1759, 57.8643**.

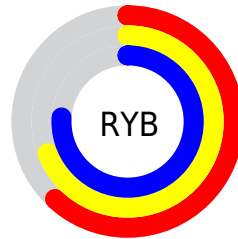
Distribution



Red (62%)

Green (75%)

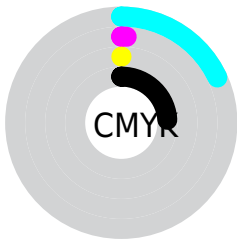
Blue (76%)



Red (62%)

Yellow (69%)

Blue (76%)

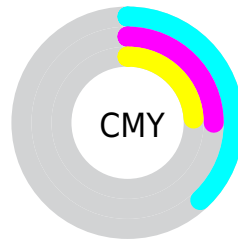


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (24%)



Cyan (38%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5758, 48.8186, 57.6310 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 42.5758, 48.8186, 57.6310 by changing the saturation by 10% instead.

■ 42.5758, 48.8186,
57.6310

■ 42.5758, 48.8186,
57.6310

347.8155,
382.0278, 433.3693

■ 29.7455, 34.4756,
41.0993

■ 78.3300, 88.4220,
102.8948

■ 19.7926, 23.2592,
28.0764

■ 101.9847,
114.4511, 132.4640

■ 12.3518, 14.7850,
18.1437

129.9782,
145.1445, 167.2161

■ 7.0576, 8.6686,
10.8827

162.6759,
180.8864, 207.5696

■ 3.5448, 4.5257,
5.8748

200.4431,
222.0613, 253.9432

■ 1.4480, 1.9718,
2.7016

243.6452,

■ 0.2900, 0.5910,

269.0536, 306.7553

0.9442

292.6475,
322.2476, 366.4245

■ 0.0000, 0.0000,
0.0000

■ 42.5758, 48.8186,
57.6310

■ 42.5758, 48.8186,
57.6310

■ 38.9535, 46.7736,
57.4280

■ 46.7976, 51.1759,
57.8643

■ 35.8986, 45.0205,
57.2506

■ 51.6407, 53.8529,
58.1257

■ 33.3828, 43.5459,
57.0986

■ 57.1307, 56.8641,
58.4176

■ 31.3731, 42.3329,
56.9704

■ 63.2908, 60.2214,
58.7409

■ 29.8335, 41.3629,
56.8643

■ 70.1430, 63.9361,
59.0968

■ 28.7229, 40.6148,
56.7784

■ 70.4491, 64.2769,
59.1464

■ 27.9930, 40.0636,
56.7105

■ 70.5728, 64.5243,
59.1877

■ 27.5696, 39.6710,
56.6570

■ 70.6969, 64.7726,
59.2291

■ 27.5027, 39.6041,
56.6476

■ 70.8216, 65.0219,
59.2706

Harmonies

Analogous

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



42.3559, 48.8186, 51.3143



42.5758, 48.8186, 57.6310



43.8033, 48.8186, 63.1280

Triad

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



42.5758, 48.8186, 57.6310



49.7634, 48.8186, 61.1032



47.0540, 48.8186, 42.0889

Complementary

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



42.5758, 48.8186, 57.6310



40.5624, 38.6024, 37.6618

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.



49.0986, 48.8186, 44.2922



42.5758, 48.8186, 57.6310



50.6949, 48.8186, 55.0396

Square

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



42.5758, 48.8186, 57.6310



47.9382, 48.8186, 65.2399



50.4479, 48.8186, 48.9173



44.8963, 48.8186, 42.6633

Rectangle

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



42.5758, 48.8186, 57.6310



45.0497, 48.8186, 65.4272



50.4479, 48.8186, 48.9173



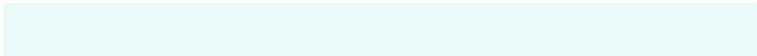
47.7783, 48.8186, 42.5224

Sweetspot

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



42.5772, 48.8206, 57.6321



86.3441, 93.0583, 103.7715



39.3933, 47.8986, 39.7816



18.3959, 19.8933, 22.2555



92.9021, 97.7402, 106.4391



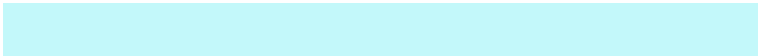
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.5772, 48.8206, 57.6321



73.3951, 85.8275, 103.0583



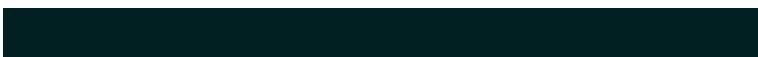
39.0408, 41.7478, 56.4533



10.3431, 11.3776, 12.9358



18.3027, 26.3620, 37.6803



0.7987, 1.1548, 1.6307

Inverse Universe

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



43.7347, 39.5980, 55.2096



75.8812, 66.0988, 97.8373



43.7064, 44.8903, 38.7098



10.4845, 10.2424, 12.6419



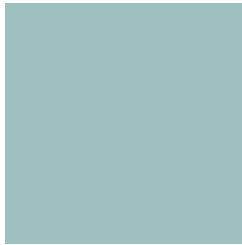
20.6343, 9.9435, 32.3162



0.8955, 0.4312, 1.4172

Previews

White Background



This preview shows how the XYZ color 42.5758, 48.8186, 57.6310 looks on a white background.

Color Contrast Check

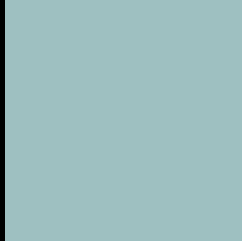
Large Text (above 18pt) WCAG AA × Fail

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 42.5758, 48.8186, 57.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

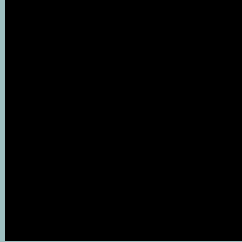
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

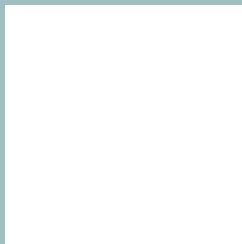
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5758, 48.8186, 57.6310

Background



This preview shows how black text looks on a background with the XYZ color 42.5758, 48.8186, 57.6310.



This preview shows how white text looks on a background with the XYZ color 42.5758, 48.8186,

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

42.5758, 48.8186, 57.6310

Protanopia

46.7111, 48.4766, 54.4719

Deuteranopia

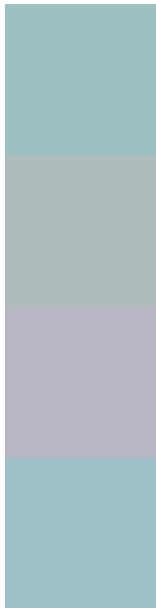
49.5738, 48.6338, 58.9990



Tritanopia

43.9301, 48.7083, 64.8439

Trichromacy



Original Color

42.5758, 48.8186, 57.6310

Protanomaly

44.9691, 48.4885, 55.7043

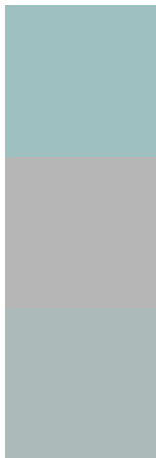
Deuteranomaly

46.5193, 48.2884, 58.4985

Tritanomaly

43.4715, 48.8496, 62.3961

Monochromacy



Original Color

42.5758, 48.8186, 57.6310

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6554, 47.5472, 53.3310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5758, 48.8186, 57.6310 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(158, 192, 193)` looks like.

```
.text, #text, p{  
    color:rgb(158, 192, 193)  
}
```

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(158, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.5758, 48.8186, 57.6310 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(158, 192, 193) }
```


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

```
.border{ border-color:rgb(158, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(158, 192,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5758, 48.8186, 57.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 192, 193) }
```

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

```
.background{ background-color: rgb(158,  
192, 193) }
```

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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