

Converting Colors

XYZ(42.2507, 48.8978, 57.5158)

Have a look what the booklet for
XYZ(42.2507, 48.8978, 57.5158)
contains.

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Color

**XYZ(42.4059, 49.0581,
57.6862)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC1C1
RGB	156, 193, 193
RGB Percent	61%, 76%, 76%
CMY	0.3882, 0.2431, 0.2431
CMYK	0.19, 0.00, 0.00, 0.24
HSL	180°, 23%, 68%
HSV	180°, 19%, 76%
XYZ	42.4059, 49.0581, 57.6862
YIQ	181.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

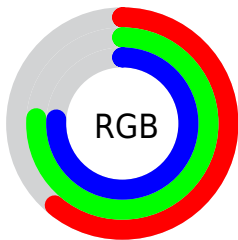
Format	Color
RYB	156, 175, 193
Decimal	10273217
CIELab	75.49, -12.28, -4.10
CIELCh	75, 12.947, 198.444
Yxy	49.0581, 0.2843, 0.3289
Android (android.graphics.Color)	4288463297 (0xFF9CC1C1)
YUV	181.9370, 5.4541, -22.7467
Hunter-Lab	70.0415, -14.5016, 0.1978

Details

The XYZ color **42.4059, 49.0581, 57.6862** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.8833, 37.5161, 36.5938**, and the grayscale version is **44.4101, 46.7229, 50.8812**.

A 20% lighter version of the original color is **77.8385, 88.4398, 102.5906**, and **19.6752, 23.3017, 28.2716** is the 20% darker color. If you saturate the color by 10%, you get **38.9642, 47.2851, 57.5254**, and if you desaturate by 10%, it is **46.4439, 51.1410, 57.8770**.

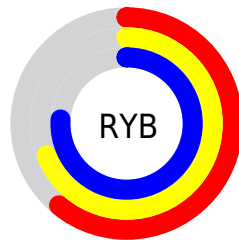
Distribution



Red (61%)

Green (76%)

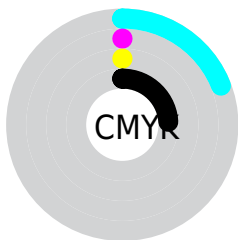
Blue (76%)



Red (61%)

Yellow (69%)

Blue (76%)

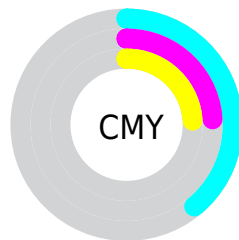


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (24%)



Cyan (39%)


Magenta (24%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4059, 49.0581, 57.6862 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 42.4059, 49.0581, 57.6862 by changing the saturation by 10% instead.

 42.4059, 49.0581,
57.6862


 42.4059, 49.0581,
57.6862

347.1259,
382.9710, 433.5812

 29.6117, 34.6656,
41.1434


 78.0749, 88.7777,
102.9760

 19.6907, 23.4054,
28.1106


 101.6804,
114.8736, 132.5601

 12.2774, 14.8931,
18.1693


129.6205,
145.6394, 167.3284

 7.0064, 8.7444,
10.9009

162.2604,
181.4596, 207.6993

 3.5125, 4.5748,
5.8869

199.9656,
222.7184, 254.0916

 1.4302, 2.0000,
2.7088

243.1013,

 0.2776, 0.6075,

269.8003, 306.9236

0.9478

292.0329,
323.0897, 366.6139

■ 0.0000, 0.0000,
0.0000

■ 42.4059, 49.0581,
57.6862

■ 42.4059, 49.0581,
57.6862

■ 38.9642, 47.2851,
57.5254

■ 46.4439, 51.1410,
57.8770

■ 36.0865, 45.8016,
57.3899

■ 51.1001, 53.5414,
58.0957

■ 33.7441, 44.5941,
57.2795

■ 56.4004, 56.2738,
58.3446

■ 31.9039, 43.6455,
57.1926

■ 62.3680, 59.3502,
58.6246

■ 30.5293, 42.9368,
57.1275

■ 69.0251, 62.7820,
58.9370

■ 29.5786, 42.4468,
57.0822

■ 69.9375, 63.2524,
58.9805

■ 29.0027, 42.1499,
57.0544

■ 69.9377, 63.2524,
58.9813

■ 28.7154, 42.0018,
57.0402

■ 69.9378, 63.2525,
58.9821

■ 28.6954, 41.9915,
57.0392

■ 69.9380, 63.2525,
58.9829

Harmonies

Analogous

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



42.2720, 49.0581, 50.8243



42.4059, 49.0581, 57.6862



43.6477, 49.0581, 63.8751

Triad

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



42.4059, 49.0581, 57.6862



50.1500, 49.0581, 62.6244



47.5543, 49.0581, 41.5383

Complementary

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



42.4059, 49.0581, 57.6862



39.8833, 37.5161, 36.5938

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.



49.7415, 49.0581, 44.1658



42.4059, 49.0581, 57.6862



51.2740, 49.0581, 56.0942

Square

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



42.4059, 49.0581, 57.6862



48.0964, 49.0581, 66.8897



51.1220, 49.0581, 49.3618



45.1903, 49.0581, 41.8851

Rectangle

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



42.4059, 49.0581, 57.6862



44.9612, 49.0581, 66.6063



51.1220, 49.0581, 49.3618



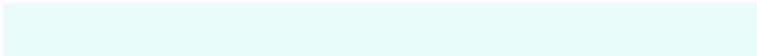
48.3360, 49.0581, 42.0932

Sweetspot

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



42.4073, 49.0601, 57.6873



85.6239, 92.8510, 103.7686



38.9021, 47.6719, 38.6046



18.2553, 19.8609, 22.2565



92.9021, 97.7402, 106.4391



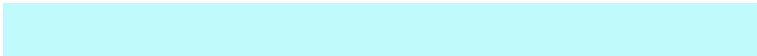
19.4759, 20.4902, 22.3138

Same Dimension

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



42.4073, 49.0601, 57.6873



73.2390, 86.4664, 103.1865



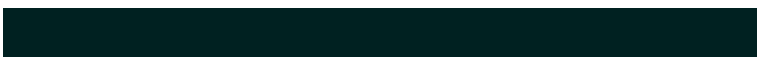
38.6901, 41.6251, 56.4497



10.3686, 11.4285, 12.9441



19.0850, 27.9281, 37.9362



0.8246, 1.2067, 1.6392

Inverse Universe

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



39.8833, 37.5161, 36.5938



67.8930, 62.0156, 58.5095



43.1083, 43.9665, 37.6677



10.0733, 10.0779, 10.4763



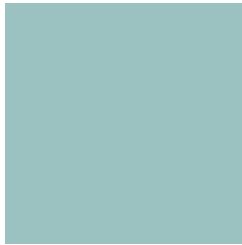
14.6276, 7.5408, 0.6849



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 42.4059, 49.0581, 57.6862 looks on a white background.

Color Contrast Check

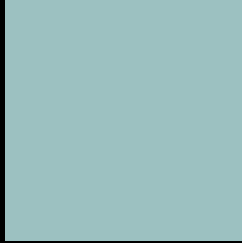
Large Text (above 18pt) WCAG AA × Fail

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 42.4059, 49.0581, 57.6862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

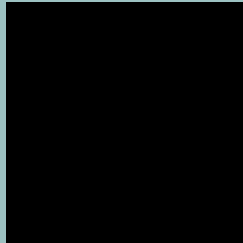
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4059, 49.0581, 57.6862

Background



This preview shows how black text looks on a background with the XYZ color 42.4059, 49.0581, 57.6862.

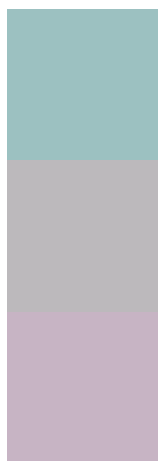


This preview shows how white text looks on a background with the XYZ color 42.4059, 49.0581,

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

42.4059, 49.0581, 57.6862

Protanopia

47.1651, 49.0201, 54.5529

Deuteranopia

49.8383, 48.7702, 59.0114



Tritanopia

44.0695, 49.0888, 65.5449

Trichromacy



Original Color

42.4059, 49.0581, 57.6862

Protanomaly

45.1820, 48.9143, 55.7752

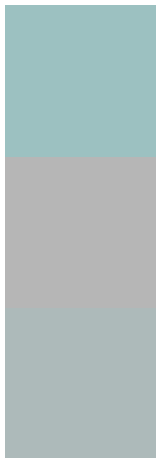
Deuteranomaly

46.7277, 48.7053, 58.5680

Tritanomaly

43.4928, 49.1854, 62.4598

Monochromacy



Original Color

42.4059, 49.0581, 57.6862

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 42.4059, 49.0581, 57.6862 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(156, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(156, 193, 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(156, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 193, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.4059, 49.0581, 57.6862 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(156, 193, 193) }
```


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

```
.border{ border-color:rgb(156, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(156, 193,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4059, 49.0581, 57.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 193, 193) }
```

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

```
.background{ background-color: rgb(156,  
193, 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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