

Converting Colors

XYZ(43.5192, 47.3300, 57.7632)

Have a look what the booklet for
XYZ(43.5192, 47.3300, 57.7632)
contains.

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Color

**XYZ(43.6587, 47.4479,
57.8962)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BAC2
RGB	169, 186, 194
RGB Percent	66%, 73%, 76%
CMY	0.3372, 0.2706, 0.2392
CMYK	0.13, 0.04, 0.00, 0.24
HSL	199°, 17%, 71%
HSV	199°, 13%, 76%
XYZ	43.6587, 47.4479, 57.8962
YIQ	181.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

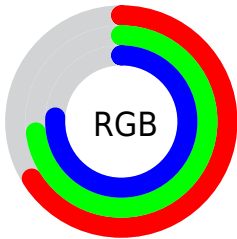
Format	Color
R _Y B	169, 179, 194
Decimal	11123394
CIE Lab	74.48, -4.19, -6.04
CIE LCh	74, 7.351, 235.218
Yxy	47.4479, 0.2930, 0.3184
Android (android.graphics.Color)	4289313474 (0xFFA9BAC2)
YUV	181.8290, 6.0003, -11.2510
Hunter-Lab	68.8824, -7.4083, -1.6160

Details

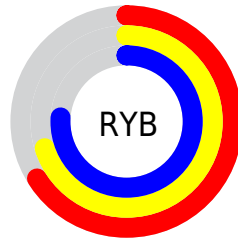
The XYZ color **43.6587, 47.4479, 57.8962** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1319, 45.7779, 43.9943**, and the grayscale version is **44.3449, 46.6543, 50.8065**.

A 20% lighter version of the original color is **79.7479, 86.2537, 102.8879**, and **20.4573, 22.4504, 28.0661** is the 20% darker color. If you saturate the color by 10%, you get **38.5228, 42.9025, 57.2903**, and if you desaturate by 10%, it is **49.4717, 52.4292, 58.5520**.

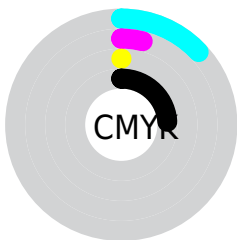
Distribution



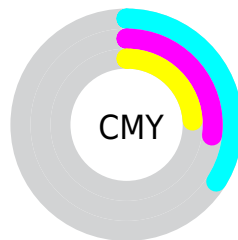
- Red (66%)
- Green (73%)
- Blue (76%)



- Red (66%)
- Yellow (70%)
- Blue (76%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (34%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6587, 47.4479, 57.8962 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 43.6587, 47.4479, 57.8962 by changing the saturation by 10% instead.

■ 43.6587, 47.4479,
57.8962

■ 43.6587, 47.4479,
57.8962

352.1895,
376.5995, 434.3865

■ 30.5990, 33.3899,
41.3111

■ 79.9535, 86.3818,
103.2850

■ 20.4440, 22.4253,
28.2407

103.9193,
112.0265, 132.9257

■ 12.8284, 14.1697,
18.2666

132.2512,
142.3022, 167.7553

■ 7.3866, 8.2388,
10.9701

165.3145,
177.5933, 208.1924

■ 3.7535, 4.2481,
5.9328

203.4747,
218.2842, 254.6556

■ 1.5637, 1.8133,
2.7361

247.0970,

■ 0.3685, 0.4955,

264.7592, 307.5633

0.9615

296.5468,
317.4029, 367.3341

■ 0.0000, 0.0000,
0.0000

■ 43.6587, 47.4479,
57.8962

■ 43.6587, 47.4479,
57.8962

■ 38.5228, 42.9025,
57.2903

■ 49.4717, 52.4292,
58.5520

■ 34.0320, 38.7717,
56.7297

■ 55.9838, 57.8549,
59.2561

■ 30.1580, 35.0410,
56.2137

■ 63.2210, 63.7408,
60.0107

■ 26.8683, 31.6926,
55.7408

■ 71.2068, 70.0999,
60.8173

■ 24.1275, 28.7072,
55.3090

■ 75.7992, 74.7981,
61.4821

■ 21.8960, 26.0631,
54.9163

■ 77.4294, 78.0584,
62.0255

■ 20.1284, 23.7358,
54.5602

■ 79.1204, 81.4404,
62.5891

■ 18.7703, 21.6960,
54.2381

■ 80.8728, 84.9453,
63.1733

■ 17.9812, 20.3821,
54.0261

■ 82.6873, 88.5742,
63.7781

Harmonies

Analogous

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



42.8299, 47.4479, 54.8373



43.6587, 47.4479, 57.8962



44.8856, 47.4479, 59.2876

Triad

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



43.6587, 47.4479, 57.8962



47.6870, 47.4479, 52.2739



44.0200, 47.4479, 45.3332

Complementary

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



43.6587, 47.4479, 57.8962



45.1319, 45.7779, 43.9943

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.



45.3107, 47.4479, 44.7213



43.6587, 47.4479, 57.8962



47.4444, 47.4479, 48.6131

Square

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



43.6587, 47.4479, 57.8962



47.2249, 47.4479, 55.9418



46.5682, 47.4479, 45.8935



43.0356, 47.4479, 47.6076

Rectangle

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



43.6587, 47.4479, 57.8962



45.7705, 47.4479, 59.0351



46.5682, 47.4479, 45.8935



44.4317, 47.4479, 44.9312

Sweetspot

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



43.6601, 47.4499, 57.8973



88.3247, 93.8837, 105.9360



43.5823, 50.1904, 48.9429



19.1582, 20.4035, 23.1785



0.0000, 0.0000, 0.0000



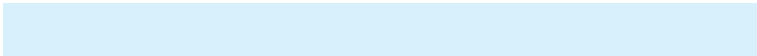
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6601, 47.4499, 57.8973



76.8033, 83.9594, 104.6276



41.1563, 42.4423, 57.0627



10.0881, 10.8675, 12.8508



11.8986, 13.5537, 35.5456



0.5741, 0.7056, 1.5558

Inverse Universe

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



45.3001, 43.3914, 52.4445



80.2806, 75.4794, 93.0383



47.6977, 50.9094, 44.8495



10.3558, 10.1909, 11.9640



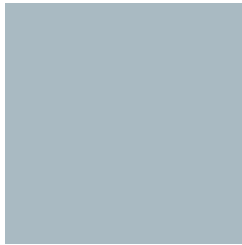
17.4018, 8.6505, 15.2940



0.7822, 0.3859, 0.8202

Previews

White Background



This preview shows how the XYZ color 43.6587, 47.4479, 57.8962 looks on a white background.

Color Contrast Check

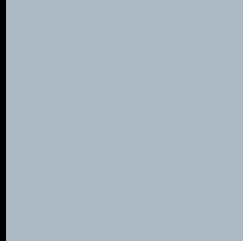
Large Text (above 18pt) WCAG AA × Fail

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 43.6587, 47.4479, 57.8962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

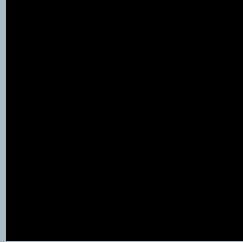
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

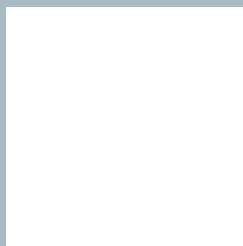
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6587, 47.4479, 57.8962

Background



This preview shows how black text looks on a background with the XYZ color 43.6587, 47.4479, 57.8962.



This preview shows how white text looks on a background with the XYZ color 43.6587, 47.4479,

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

43.6587, 47.4479, 57.8962

Protanopia

46.0095, 47.4520, 56.6034

Deuteranopia

48.3899, 47.4284, 58.8287



Tritanopia

44.3519, 47.4141, 61.4578

Trichromacy



Original Color

43.6587, 47.4479, 57.8962

Protanomaly

45.1495, 47.3009, 57.2024

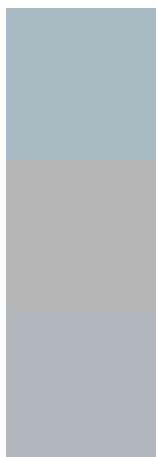
Deuteranomaly

46.6239, 47.4270, 58.3267

Tritanomaly

44.1196, 47.3212, 60.2346

Monochromacy



Original Color

43.6587, 47.4479, 57.8962

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9279, 46.7593, 53.1646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6587, 47.4479, 57.8962 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(169, 186, 194) looks like.

```
.text, #text, p{  
    color:rgb(169, 186, 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(169, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 186, 194) }
```

Border

The CSS property to change the border of an element to XYZ 43.6587, 47.4479, 57.8962 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(169, 186, 194) }
```


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

```
.border{ border-color:rgb(169, 186, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 186, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(169, 186,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6587, 47.4479, 57.8962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 186, 194) }
```

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

```
.background{ background-color: rgb(169,  
186, 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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