

Converting Colors

XYZ(43.2350, 46.9178, 57.8162)

Have a look what the booklet for
XYZ(43.2350, 46.9178, 57.8162)
contains.

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Color

**XYZ(43.2350, 46.9178,
57.8162)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B9C2
RGB	168, 185, 194
RGB Percent	66%, 73%, 76%
CMY	0.3412, 0.2745, 0.2392
CMYK	0.13, 0.05, 0.00, 0.24
HSL	201°, 18%, 71%
HSV	201°, 13%, 76%
XYZ	43.2350, 46.9178, 57.8162
YIQ	180.9430, -13.0210, -0.8050

Conversions

Conversions Part 2

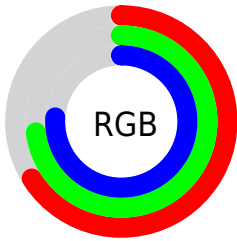
Format	Color
R_{YB}	168, 178, 194
Decimal	11057602
CIE _{Lab}	74.14, -3.99, -6.55
CIE _{LCh}	74, 7.665, 238.652
Yxy	46.9178, 0.2922, 0.3171
Android (android.graphics.Color)	4289247682 (0xFFA8B9C2)
YUV	180.9430, 6.4371, -11.3510
Hunter-Lab	68.4966, -7.1999, -2.0976

Details

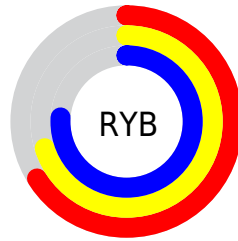
The XYZ color **43.2350, 46.9178, 57.8162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0384, 45.7405, 43.5017**, and the grayscale version is **43.8626, 46.1469, 50.2540**.

A 20% lighter version of the original color is **79.1420, 85.5007, 102.7745**, and **20.1873, 22.1090, 28.0144** is the 20% darker color. If you saturate the color by 10%, you get **38.0379, 42.2038, 57.1810**, and if you desaturate by 10%, it is **49.1174, 52.0860, 58.5045**.

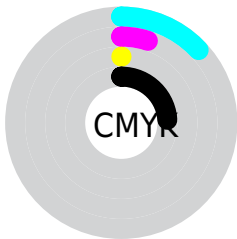
Distribution



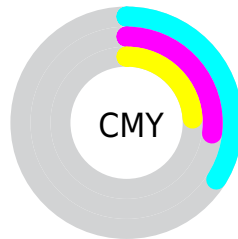
- Red (66%)
- Green (73%)
- Blue (76%)



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



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2350, 46.9178, 57.8162 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 43.2350, 46.9178, 57.8162 by changing the saturation by 10% instead.

■ 43.2350, 46.9178,
57.8162

■ 43.2350, 46.9178,
57.8162

350.4825,
374.4863, 434.0798

■ 30.2649, 32.9707,
41.2472

■ 79.3189, 85.5909,
103.1673

■ 20.1888, 22.1040,
28.1911

■ 103.1633,
111.0857, 132.7864

■ 12.6414, 13.9333,
18.2295

131.3632,
141.1985, 167.5927

■ 7.2574, 8.0743,
10.9437

164.2840,
176.3137, 208.0046

■ 3.6713, 4.1425,
5.9153

202.2909,
216.8156, 254.4408

■ 1.5179, 1.7536,
2.7257

245.7494,

■ 0.3380, 0.4580,

263.0888, 307.3197

0.9563

295.0248,
315.5176, 367.0598

■ 0.0000, 0.0000,
0.0000

■ 43.2350, 46.9178,
57.8162

■ 43.2350, 46.9178,
57.8162

■ 38.0379, 42.2038,
57.1810

■ 49.1174, 52.0860,
58.5045

■ 33.4938, 37.9224,
56.5941

■ 55.7073, 57.7174,
59.2441

■ 29.5741, 34.0586,
56.0549

■ 63.0310, 63.8282,
60.0376

■ 26.2459, 30.5940,
55.5616

■ 71.1123, 70.4319,
60.8863

■ 23.4734, 27.5089,
55.1122

■ 76.1975, 75.5946,
61.6148

■ 21.2167, 24.7811,
54.7046

■ 77.9799, 79.1594,
62.2089

■ 19.4296, 22.3853,
54.3364

■ 79.8337, 82.8671,
62.8269

■ 18.0570, 20.2916,
54.0046

■ 81.7598, 86.7191,
63.4689

■ 17.3100, 19.0396,
53.8023

■ 83.7588, 90.7171,
64.1352

Harmonies

Analogous

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



42.3178, 46.9178, 54.7960



43.2350, 46.9178, 57.8162



44.5319, 46.9178, 59.0205

Triad

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



43.2350, 46.9178, 57.8162



47.2848, 46.9178, 51.2636



43.3405, 46.9178, 44.7356

Complementary

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



43.2350, 46.9178, 57.8162



45.0384, 45.7405, 43.5017

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.



44.6561, 46.9178, 43.8957



43.2350, 46.9178, 57.8162



46.9503, 46.9178, 47.5464

Square

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



43.2350, 46.9178, 57.8162



46.8860, 46.9178, 55.1194



45.9811, 46.9178, 44.8986



42.3778, 46.9178, 47.2534

Rectangle

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



43.2350, 46.9178, 57.8162



45.4433, 46.9178, 58.5868



45.9811, 46.9178, 44.8986



43.7552, 46.9178, 44.2535

Sweetspot

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



43.2364, 46.9198, 57.8172



88.2430, 93.7204, 105.9087



43.3436, 50.0702, 48.8019



19.1370, 20.3611, 23.1714



0.0000, 0.0000, 0.0000



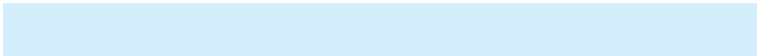
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2364, 46.9198, 57.8172



75.5225, 82.4870, 104.4109



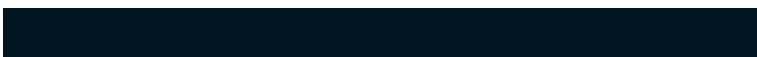
40.7029, 41.8528, 56.9728



10.0656, 10.8226, 12.8433



11.4596, 12.6757, 35.3993



0.5574, 0.6723, 1.5503

Inverse Universe

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



45.0088, 42.9783, 51.8246



79.3682, 74.0964, 91.3722



47.6581, 50.9799, 44.3749



10.3444, 10.1864, 11.9043



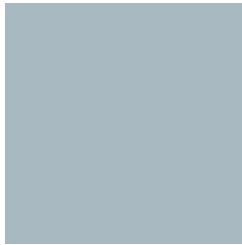
17.1802, 8.5619, 14.1271



0.7737, 0.3825, 0.7759

Previews

White Background



This preview shows how the XYZ color 43.2350, 46.9178, 57.8162 looks on a white background.

Color Contrast Check

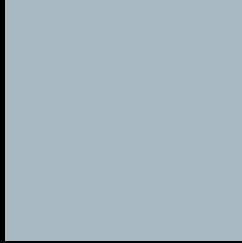
Large Text (above 18pt) WCAG AA × Fail

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 43.2350, 46.9178, 57.8162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

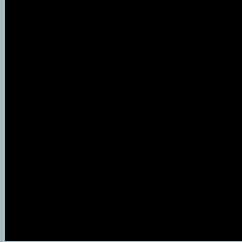
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

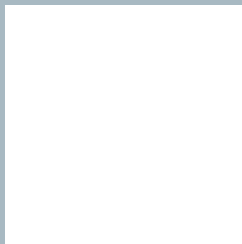
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2350, 46.9178, 57.8162

Background



This preview shows how black text looks on a background with the XYZ color 43.2350, 46.9178, 57.8162.



This preview shows how white text looks on a background with the XYZ color 43.2350, 46.9178,

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

43.2350, 46.9178, 57.8162

Protanopia

45.3297, 46.7986, 56.5131

Deuteranopia

47.6783, 46.7673, 58.7386



Tritanopia

43.8115, 46.8395, 60.7646

Trichromacy



Original Color

43.2350, 46.9178, 57.8162

Protanomaly

44.4850, 46.6533, 57.1124

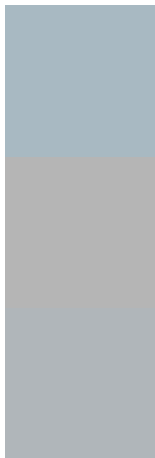
Deuteranomaly

45.9387, 46.7730, 58.2366

Tritanomaly

43.5807, 46.7472, 59.5495

Monochromacy



Original Color

43.2350, 46.9178, 57.8162

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.4954, 46.2312, 53.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2350, 46.9178, 57.8162 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(168, 185, 194)` looks like.

```
.text, #text, p{  
    color:rgb(168, 185, 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(168, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 185, 194) }
```

Border

The CSS property to change the border of an element to XYZ 43.2350, 46.9178, 57.8162 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(168, 185, 194) }
```


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

```
.border{ border-color:rgb(168, 185, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 185, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(168, 185,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2350, 46.9178, 57.8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 185, 194) }
```

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

```
.background{ background-color: rgb(168,  
185, 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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