

Converting Colors

XYZ(43.8357, 46.4204, 66.3241)

Have a look what the booklet for
XYZ(43.8357, 46.4204, 66.3241)
contains.

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Color

**XYZ(43.8357, 46.4204,
66.3241)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B7D0
RGB	165, 183, 208
RGB Percent	65%, 72%, 82%
CMY	0.3529, 0.2823, 0.1843
CMYK	0.21, 0.12, 0.00, 0.18
HSL	215°, 31%, 73%
HSV	215°, 21%, 82%
XYZ	43.8357, 46.4204, 66.3241
YIQ	180.4680, -18.7530, 3.9590

Conversions

Conversions Part 2

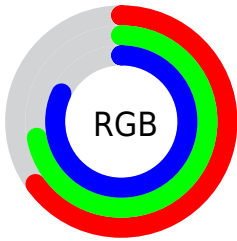
Format	Color
RYB	165, 178, 208
Decimal	10860496
CIELab	73.82, -0.84, -14.68
CIELCh	74, 14.704, 266.737
Yxy	46.4204, 0.2800, 0.2965
Android (android.graphics.Color)	4289050576 (0xFFA5B7D0)
YUV	180.4680, 13.5733, -13.5654
Hunter-Lab	68.1325, -4.3870, -10.0235

Details

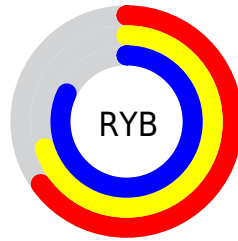
The XYZ color **43.8357, 46.4204, 66.3241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2178, 52.9534, 43.1199**, and the grayscale version is **43.5716, 45.8407, 49.9205**.

A 20% lighter version of the original color is **78.4317, 84.1686, 106.7201**, and **20.6254, 21.8091, 33.6943** is the 20% darker color. If you saturate the color by 10%, you get **37.4685, 39.5942, 65.3429**, and if you desaturate by 10%, it is **51.1236, 54.0417, 67.4118**.

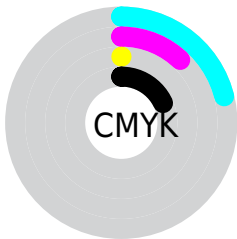
Distribution



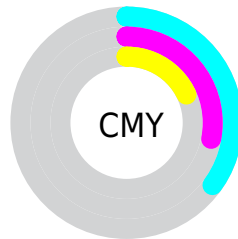
- Red (65%)
- Green (72%)
- Blue (82%)



- Red (65%)
- Yellow (70%)
- Blue (82%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (35%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8357, 46.4204, 66.3241 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 43.8357, 46.4204, 66.3241 by changing the saturation by 10% instead.

■ 43.8357, 46.4204,
66.3241

■ 43.8357, 46.4204,
66.3241

352.9009,
372.4962, 465.9709

■ 30.7387, 32.5777,
48.0774

■ 80.2183, 84.8478,
115.5828

■ 20.5508, 21.8031,
33.5278

■ 104.2347,
110.2013, 147.4319

■ 12.9067, 13.7123,
22.2566

132.6216,
140.1605, 184.6522

■ 7.4409, 7.9208,
13.8455

165.7443,
175.1099, 227.6623

■ 3.7881, 4.0443,
7.8757

203.9682,
215.4337, 276.8806

■ 1.5829, 1.6984,
3.9289

247.6588,

■ 0.3813, 0.4226,

261.5164, 332.7258

1.5864

297.1812,
313.7425, 395.6164

■ 0.0000, 0.0000,
0.2811

■ 0.0000, 0.0000,
0.0000

■ 43.8357, 46.4204,
66.3241

■ 43.8357, 46.4204,
66.3241

■ 37.4685, 39.5942,
65.3429

■ 51.1236, 54.0417,
67.4118

■ 31.9785, 33.5292,
64.4615

■ 59.3649, 62.4791,
68.6060

■ 27.3247, 28.1971,
63.6776

■ 68.5956, 71.7598,
69.9109

■ 23.4610, 23.5656,
62.9873

■ 78.8488, 81.9080,
71.3293

■ 20.3364, 19.5993,
62.3864

■ 84.8150, 90.1934,
72.6141

■ 17.8930, 16.2589,
61.8704

■ 88.3853, 97.3341,
73.8042

■ 16.0632, 13.4995,
61.4343

■ 14.8000, 11.3836,
61.0924

Harmonies

Analogous

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



41.4209, 46.4204, 63.5640



43.8357, 46.4204, 66.3241



46.4219, 46.4204, 64.5235

Triad

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



43.8357, 46.4204, 66.3241



48.7650, 46.4204, 44.3391



40.0496, 46.4204, 43.0512

Complementary

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



43.8357, 46.4204, 66.3241



51.2178, 52.9534, 43.1199

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.



41.8978, 46.4204, 38.7451



43.8357, 46.4204, 66.3241



46.9364, 46.4204, 39.4355

Square

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



43.8357, 46.4204, 66.3241



49.3331, 46.4204, 51.3678



44.4079, 46.4204, 37.4891



39.2900, 46.4204, 49.7289

Rectangle

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



43.8357, 46.4204, 66.3241



47.8844, 46.4204, 61.0674



44.4079, 46.4204, 37.4891



40.5605, 46.4204, 41.3047

Sweetspot

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



43.8371, 46.4223, 66.3252



86.8713, 91.6685, 107.7229



47.2990, 56.8020, 56.8249



18.4108, 19.4330, 23.0305



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.



43.8371, 46.4223, 66.3252



64.6545, 68.4401, 104.4104



40.9614, 39.7756, 65.1938



11.5646, 12.2194, 14.9927



9.3149, 7.2764, 38.1060



0.5985, 0.5621, 2.1565

Inverse Universe

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



48.0159, 43.7402, 50.7139



72.5723, 63.6895, 74.7564



54.5618, 60.8273, 44.4635



12.0111, 11.8892, 13.3343



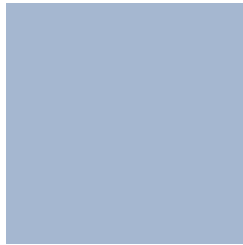
17.3325, 8.8058, 6.6569



1.0083, 0.5080, 0.5786

Previews

White Background



This preview shows how the XYZ color 43.8357, 46.4204, 66.3241 looks on a white background.

Color Contrast Check

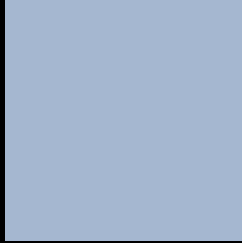
Large Text (above 18pt) WCAG AA × Fail

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 43.8357, 46.4204, 66.3241 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

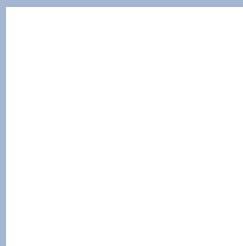
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8357, 46.4204, 66.3241

Background



This preview shows how black text looks on a background with the XYZ color 43.8357, 46.4204, 66.3241.



This preview shows how white text looks on a background with the XYZ color 43.8357, 46.4204,

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

43.8357, 46.4204, 66.3241

Protanopia

45.5933, 46.4459, 64.9544

Deuteranopia

47.2383, 46.3620, 66.7806



Tritanopia

42.5535, 46.1910, 60.7058

Trichromacy



Original Color

43.8357, 46.4204, 66.3241

Protanomaly

45.0199, 46.4370, 65.6219

Deuteranomaly

45.9888, 46.3086, 66.8362

Tritanomaly

43.1110, 46.4378, 62.5683

Monochromacy



Original Color

43.8357, 46.4204, 66.3241

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.4973, 45.8794, 55.2783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8357, 46.4204, 66.3241 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(165, 183, 208)` looks like.

```
.text, #text, p{  
    color:rgb(165, 183, 208)  
}
```

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(165, 183, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 183, 208) }
```

Border

The CSS property to change the border of an element to XYZ 43.8357, 46.4204, 66.3241 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(165, 183, 208) }
```


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

```
.border{ border-color:rgb(165, 183, 208) }
```

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

Here you see how a box with a 4 pixel rgb(165, 183, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 183, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 183, 208);  
box-shadow:4px 4px 4px 4px rgb(165, 183,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8357, 46.4204, 66.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 183, 208) }
```

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

```
.background{ background-color: rgb(165,  
183, 208) }
```

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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