

Converting Colors

XYZ(43.6361, 46.2940, 60.4746)

Have a look what the booklet for
XYZ(43.6361, 46.2940, 60.4746)
contains.

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Color

**XYZ(43.8199, 46.5365,
60.7057)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB7C7
RGB	170, 183, 199
RGB Percent	67%, 72%, 78%
CMY	0.3333, 0.2823, 0.2196
CMYK	0.15, 0.08, 0.00, 0.22
HSL	213°, 21%, 72%
HSV	213°, 15%, 78%
XYZ	43.8199, 46.5365, 60.7057
YIQ	180.9370, -12.8840, 2.2200

Conversions

Conversions Part 2

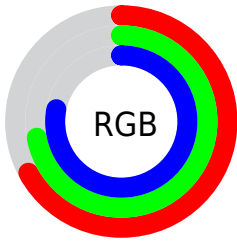
Format	Color
RYB	170, 179, 199
Decimal	11188167
CIELab	73.89, -1.21, -9.62
CIELCh	74, 9.697, 262.857
Yxy	46.5365, 0.2901, 0.3081
Android (android.graphics.Color)	4289378247 (0xFFAAB7C7)
YUV	180.9370, 8.9051, -9.5917
Hunter-Lab	68.2177, -4.7207, -5.0088

Details

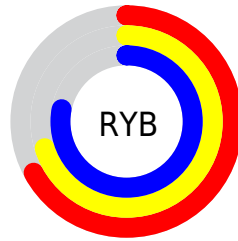
The XYZ color **43.8199, 46.5365, 60.7057** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3683, 50.1623, 45.1644**, and the grayscale version is **43.8465, 46.1299, 50.2354**.

A 20% lighter version of the original color is **79.9678, 84.9606, 106.7920**, and **20.5647, 21.8611, 29.9238** is the 20% darker color. If you saturate the color by 10%, you get **37.6629, 40.1322, 59.7948**, and if you desaturate by 10%, it is **50.8075, 53.6336, 61.7080**.

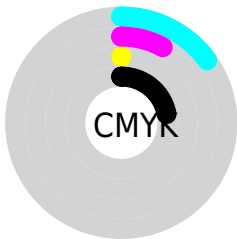
Distribution



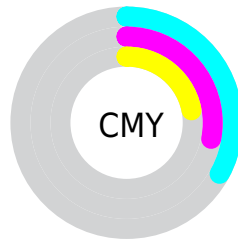
- Red (67%)
- Green (72%)
- Blue (78%)



- Red (67%)
- Yellow (70%)
- Blue (78%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8199, 46.5365, 60.7057 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 43.8199, 46.5365, 60.7057 by changing the saturation by 10% instead.

■ 43.8199, 46.5365,
60.7057

■ 43.8199, 46.5365,
60.7057

352.8375,
372.9614, 445.0707

■ 30.7262, 32.6694,
43.5587

■ 80.1947, 85.0213,
107.4061

■ 20.5413, 21.8733,
29.9891

104.2065,
110.4079, 137.7965

■ 12.8997, 13.7638,
19.5783

132.5885,
140.4030, 173.4385

■ 7.4360, 7.9566,
11.9079

165.7059,
175.3911, 214.7506

■ 3.7850, 4.0672,
6.5592

203.9242,
215.7566, 262.1513

■ 1.5812, 1.7112,
3.1138

247.6086,

■ 0.3801, 0.4309,

261.8839, 316.0592

1.1530

297.1246,
314.1574, 376.8929

■ 0.0000, 0.0000,
0.0000

■ 43.8199, 46.5365,
60.7057

■ 43.8199, 46.5365,
60.7057

■ 37.6629, 40.1322,
59.7948

■ 50.8075, 53.6336,
61.7080

■ 32.2991, 34.3919,
58.9695

■ 58.6528, 61.4397,
62.8013

■ 27.6945, 29.2930,
58.2280

■ 67.3867, 69.9773,
63.9889

■ 23.8105, 24.8093,
57.5673

■ 77.0372, 79.2664,
65.2732

■ 20.6051, 20.9125,
56.9841

■ 82.0926, 86.4708,
66.3974

■ 18.0313, 17.5713,
56.4748

■ 85.3850, 93.0557,
67.4948

■ 16.0354, 14.7509,
56.0356

■ 87.3089, 96.9036,
68.1361

■ 14.5528, 12.4102,
55.6620

■ 13.8998, 11.3052,
55.4831

Harmonies

Analogous

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



42.2565, 46.5365, 58.6364



43.8199, 46.5365, 60.7057



45.5341, 46.5365, 59.9496

Triad

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



43.8199, 46.5365, 60.7057



47.3629, 46.5365, 47.0649



41.6367, 46.5365, 45.1417

Complementary

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



43.8199, 46.5365, 60.7057



48.3683, 50.1623, 45.1644

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.



42.9540, 46.5365, 42.4017



43.8199, 46.5365, 60.7057



46.2672, 46.5365, 43.4605

Square

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



43.8199, 46.5365, 60.7057



47.6093, 46.5365, 51.8622



44.6458, 46.5365, 41.8068



41.0175, 46.5365, 49.4969

Rectangle

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



43.8199, 46.5365, 60.7057



46.5291, 46.5365, 57.9671



44.6458, 46.5365, 41.8068



42.0109, 46.5365, 44.0131

Sweetspot

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



43.8213, 46.5384, 60.7067



89.6276, 94.5788, 108.1394



45.8596, 52.9368, 54.2282



18.9717, 20.0305, 23.1163



0.0000, 0.0000, 0.0000



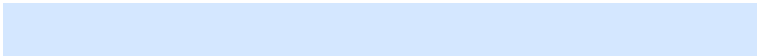
20.3446, 21.4041, 23.3091

Same Dimension

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



43.8213, 46.5384, 60.7067



73.7005, 78.3649, 105.8493



41.5774, 41.5827, 59.8685



10.4417, 11.0574, 13.5014



9.0225, 7.4390, 35.7047



0.4993, 0.4963, 1.7146

Inverse Universe

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



46.4763, 44.3117, 50.9053



79.1320, 73.9465, 85.7672



50.8502, 55.6946, 46.1014



10.8282, 10.7147, 12.0786



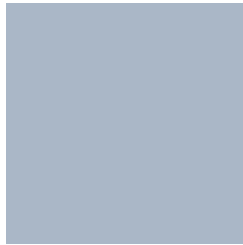
16.3535, 8.2910, 7.0713



0.8107, 0.4071, 0.5263

Previews

White Background



This preview shows how the XYZ color 43.8199, 46.5365, 60.7057 looks on a white background.

Color Contrast Check

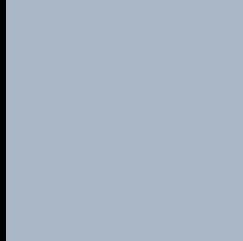
Large Text (above 18pt) WCAG AA × Fail

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 43.8199, 46.5365, 60.7057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

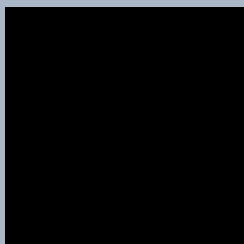
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

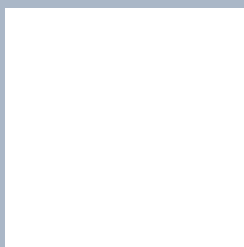
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8199, 46.5365, 60.7057

Background



This preview shows how black text looks on a background with the XYZ color 43.8199, 46.5365, 60.7057.

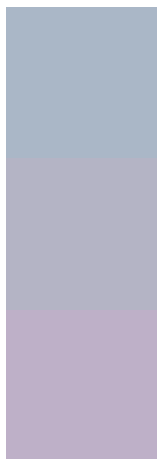


This preview shows how white text looks on a background with the XYZ color 43.8199, 46.5365,

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

43.8199, 46.5365, 60.7057

Protanopia

45.2217, 46.3770, 59.3915

Deuteranopia

47.1859, 46.1679, 61.0679



Tritanopia

43.7041, 46.4902, 60.0961

Trichromacy



Original Color

43.8199, 46.5365, 60.7057

Protanomaly

44.6214, 46.3551, 60.0217

Deuteranomaly

46.0739, 46.4776, 61.1863

Tritanomaly

43.7041, 46.4902, 60.0961

Monochromacy



Original Color

43.8199, 46.5365, 60.7057

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.9365, 46.4338, 54.2239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8199, 46.5365, 60.7057 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(170, 183, 199)` looks like.

```
.text, #text, p{  
    color:rgb(170, 183, 199)  
}
```

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(170, 183, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 183, 199) }
```

Border

The CSS property to change the border of an element to XYZ 43.8199, 46.5365, 60.7057 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(170, 183, 199) }
```


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

```
.border{ border-color:rgb(170, 183, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 183, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 183, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 183, 199);  
box-shadow:4px 4px 4px 4px rgb(170, 183,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8199, 46.5365, 60.7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 183, 199) }
```

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

```
.background{ background-color: rgb(170,  
183, 199) }
```

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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