

Converting Colors

XYZ(43.8613, 46.7125, 64.1533)

Have a look what the booklet for
XYZ(43.8613, 46.7125, 64.1533)
contains.

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Color

**XYZ(43.8858, 46.7957,
64.4771)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B8CD
RGB	166, 184, 205
RGB Percent	65%, 72%, 80%
CMY	0.3490, 0.2784, 0.1961
CMYK	0.19, 0.10, 0.00, 0.20
HSL	212°, 28%, 73%
HSV	212°, 19%, 80%
XYZ	43.8858, 46.7957, 64.4771
YIQ	181.0120, -17.4690, 2.7150

Conversions

Conversions Part 2

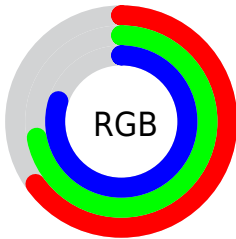
Format	Color
RYB	166, 178, 205
Decimal	10926285
CIELab	74.06, -1.73, -12.68
CIELCh	74, 12.793, 262.227
Yxy	46.7957, 0.2828, 0.3016
Android (android.graphics.Color)	4289116365 (0xFFA6B8CD)
YUV	181.0120, 11.8261, -13.1655
Hunter-Lab	68.4074, -5.1987, -7.9984

Details

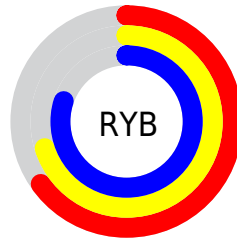
The XYZ color **43.8858, 46.7957, 64.4771** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8306, 51.2731, 43.3478**, and the grayscale version is **43.8734, 46.1583, 50.2663**.

A 20% lighter version of the original color is **79.0289, 84.9123, 106.8322**, and **20.6416, 22.0444, 32.4452** is the 20% darker color. If you saturate the color by 10%, you get **37.7224, 40.3475, 63.5581**, and if you desaturate by 10%, it is **50.9159, 53.9587, 65.4899**.

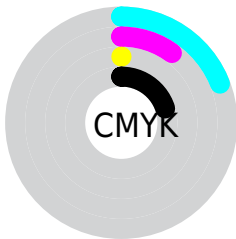
Distribution



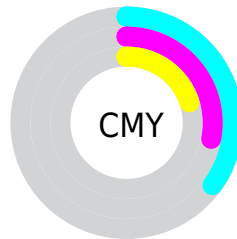
- Red (65%)
- Green (72%)
- Blue (80%)



- Red (65%)
- Yellow (70%)
- Blue (80%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (35%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8858, 46.7957, 64.4771 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 43.8858, 46.7957, 64.4771 by changing the saturation by 10% instead.

■ 43.8858, 46.7957,
64.4771

■ 43.8858, 46.7957,
64.4771

353.1021,
373.9985, 459.1652

■ 30.7783, 32.8742,
46.5886

■ 80.2933, 85.4086,
112.9038

■ 20.5811, 22.0301,
32.3585

■ 104.3239,
110.8687, 144.2791

■ 12.9288, 13.8790,
21.3684

132.7264,
140.9439, 180.9870

■ 7.4562, 8.0366,
13.1997

165.8659,
176.0184, 223.4461

■ 3.7979, 4.1183,
7.4339

204.1079,
216.4768, 272.0749

■ 1.5884, 1.7400,
3.6523

247.8177,

■ 0.3849, 0.4493,

262.7033, 327.2920

1.4366

297.3606,
315.0824, 389.5159

■ 0.0000, 0.0000,
0.1700

■ 0.0000, 0.0000,
0.0000

■ 43.8858, 46.7957,
64.4771

■ 43.8858, 46.7957,
64.4771

■ 37.7224, 40.3475,
63.5581

■ 50.9159, 53.9587,
65.4899

■ 32.3851, 34.5836,
62.7268

■ 58.8427, 61.8541,
66.5961

■ 27.8361, 29.4793,
61.9814

■ 67.6997, 70.5062,
67.7993

■ 24.0327, 25.0063,
61.3184

■ 77.5176, 79.9361,
69.1020

■ 20.9278, 21.1334,
60.7346

■ 83.1821, 87.5128,
70.2659

■ 18.4684, 17.8264,
60.2259

■ 86.5163, 94.1812,
71.3773

■ 16.5924, 15.0458,
59.7880

■ 88.0196, 97.1878,
71.8784

■ 15.2006, 12.7326,
59.4149

■ 15.0783, 12.5252,
59.3813

Harmonies

Analogous

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



41.8383, 46.7957, 61.5697



43.8858, 46.7957, 64.4771



46.1622, 46.7957, 63.5224

Triad

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



43.8858, 46.7957, 64.4771



48.6740, 46.7957, 46.3355



41.0918, 46.7957, 43.6211

Complementary

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



43.8858, 46.7957, 64.4771



49.8306, 51.2731, 43.3478

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.



42.8351, 46.7957, 40.1610



43.8858, 46.7957, 64.4771



47.2262, 46.7957, 41.6320

Square

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



43.8858, 46.7957, 64.4771



48.9788, 46.7957, 52.6750



45.0753, 46.7957, 39.4653



40.2616, 46.7957, 49.2681

Rectangle

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



43.8858, 46.7957, 64.4771



47.4992, 46.7957, 60.8587



45.0753, 46.7957, 39.4653



41.5875, 46.7957, 42.1843

Sweetspot

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



43.8872, 46.7976, 64.4782



87.0715, 92.0691, 107.7897



46.5064, 55.3498, 55.1349



18.4581, 19.5276, 23.0463



0.0000, 0.0000, 0.0000



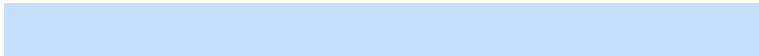
20.3446, 21.4041, 23.3091

Same Dimension

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



43.8872, 46.7976, 64.4782



67.4068, 72.0041, 104.9532



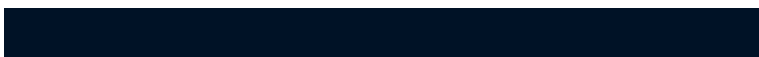
40.6565, 39.9295, 63.3228



11.0213, 11.6831, 14.2446



9.4796, 7.9833, 36.9976



0.5647, 0.5631, 1.9339

Inverse Universe

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



47.4659, 43.7134, 51.2853



74.4353, 66.2485, 78.9750



53.5348, 59.2117, 44.6848



11.4241, 11.2984, 12.7681



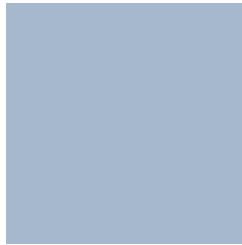
16.9958, 8.6089, 7.6965



0.9150, 0.4594, 0.5981

Previews

White Background



This preview shows how the XYZ color 43.8858, 46.7957, 64.4771 looks on a white background.

Color Contrast Check

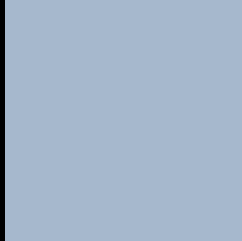
Large Text (above 18pt) WCAG AA × Fail

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 43.8858, 46.7957, 64.4771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

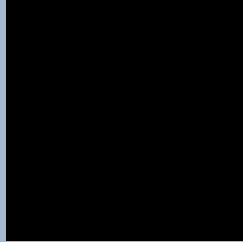
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8858, 46.7957, 64.4771

Background



This preview shows how black text looks on a background with the XYZ color 43.8858, 46.7957, 64.4771.



This preview shows how white text looks on a background with the XYZ color 43.8858, 46.7957,

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

43.8858, 46.7957, 64.4771

Protanopia

45.6912, 46.5380, 63.0745

Deuteranopia

47.6018, 46.5919, 64.8768



Tritanopia

43.2913, 46.8674, 61.4082

Trichromacy



Original Color

43.8858, 46.7957, 64.4771

Protanomaly

44.8785, 46.4061, 63.7187

Deuteranomaly

46.2842, 46.8020, 64.9868

Tritanomaly

43.5267, 46.9615, 62.6475

Monochromacy



Original Color

43.8858, 46.7957, 64.4771

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.9267, 46.4037, 55.3568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8858, 46.7957, 64.4771 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(166, 184, 205)` looks like.

```
.text, #text, p{  
    color:rgb(166, 184, 205)  
}
```

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(166, 184, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 184, 205) }
```

Border

The CSS property to change the border of an element to XYZ 43.8858, 46.7957, 64.4771 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(166, 184, 205) }
```


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

```
.border{ border-color:rgb(166, 184, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 184, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 184, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 184, 205);  
box-shadow:4px 4px 4px 4px rgb(166, 184,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8858, 46.7957, 64.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 184, 205) }
```

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

```
.background{ background-color: rgb(166,  
184, 205) }
```

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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