

Converting Colors

XYZ(42.9450, 45.0096, 58.8579)

Have a look what the booklet for
XYZ(42.9450, 45.0096, 58.8579)
contains.

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Color

**XYZ(42.8785, 44.8836,
58.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB3C4
RGB	171, 179, 196
RGB Percent	67%, 70%, 77%
CMY	0.3294, 0.2980, 0.2314
CMYK	0.13, 0.09, 0.00, 0.23
HSL	221°, 17%, 72%
HSV	221°, 13%, 77%
XYZ	42.8785, 44.8836, 58.6280
YIQ	178.5460, -10.2250, 3.5910

Conversions

Conversions Part 2

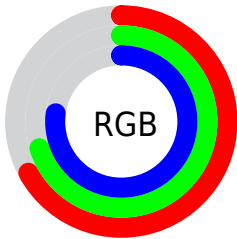
Format	Color
RYB	171, 177, 196
Decimal	11252676
CIELab	72.82, 0.65, -9.58
CIElCh	73, 9.601, 273.887
Yxy	44.8836, 0.2929, 0.3066
Android (android.graphics.Color)	4289442756 (0xFFABB3C4)
YUV	178.5460, 8.6048, -6.6178
Hunter-Lab	66.9952, -2.9975, -4.9884

Details

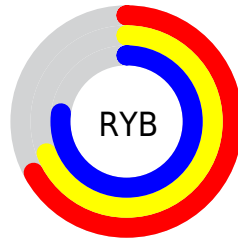
The XYZ color **42.8785, 44.8836, 58.6280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0992, 50.6424, 45.7689**, and the grayscale version is **42.5670, 44.7838, 48.7695**.

A 20% lighter version of the original color is **78.8020, 82.6773, 104.7335**, and **19.9511, 20.7966, 28.5538** is the 20% darker color. If you saturate the color by 10%, you get **36.3788, 37.7587, 57.5960**, and if you desaturate by 10%, it is **50.2721, 52.8549, 59.7776**.

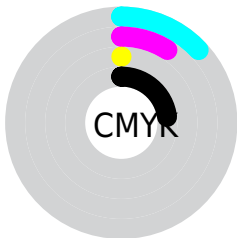
Distribution



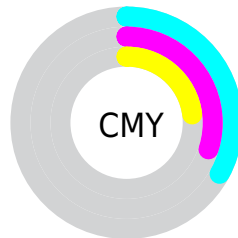
- Red (67%)
- Green (70%)
- Blue (77%)



- Red (67%)
- Yellow (69%)
- Blue (77%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8785, 44.8836, 58.6280 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 42.8785, 44.8836, 58.6280 by changing the saturation by 10% instead.

■ 42.8785, 44.8836,
58.6280

■ 42.8785, 44.8836,
58.6280

349.0419,
366.3019, 437.1854

■ 29.9839, 31.3658,
41.8957

■ 78.7843, 82.5457,
104.3606

■ 19.9744, 20.8775,
28.6947

102.5263,
107.4588, 134.1980

■ 12.4846, 13.0345,
18.6064

130.6147,
136.9390, 169.2408

■ 7.1491, 7.4523,
11.2123

163.4150,
171.3708, 209.9076

■ 3.6027, 3.7465,
6.0938

201.2925,
211.1387, 256.6169

■ 1.4799, 1.5328,
2.8325

244.6126,

■ 0.3121, 0.3117,

256.6269, 309.7873

1.0098

293.7406,
308.2198, 369.8373

■ 0.0000, 0.0000,
0.0000

■ 42.8785, 44.8836,
58.6280

■ 42.8785, 44.8836,
58.6280

■ 36.3788, 37.7587,
57.5960

■ 50.2721, 52.8549,
59.7776

■ 30.7340, 31.4457,
56.6750

■ 58.5886, 61.6944,
61.0455

■ 25.9079, 25.9159,
55.8620

■ 67.8608, 71.4301,
62.4360

■ 21.8602, 21.1366,
55.1529

■ 78.1183, 82.0870,
63.9523

■ 18.5470, 17.0727,
54.5431

■ 84.0491, 90.9358,
65.3478

■ 15.9195, 13.6857,
54.0278

■ 86.9639, 96.7656,
66.3194

■ 13.9225, 10.9331,
53.6017

■ 12.4910, 8.7662,
53.2589

■ 11.7269, 7.5115,
53.0570

Harmonies

Analogous

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



41.2633, 44.8836, 57.5986



42.8785, 44.8836, 58.6280



44.4754, 44.8836, 56.9060

Triad

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



42.8785, 44.8836, 58.6280



45.3810, 44.8836, 43.9221



39.8427, 44.8836, 44.9351

Complementary

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



42.8785, 44.8836, 58.6280



48.0992, 50.6424, 45.7689

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.



40.8957, 44.8836, 41.6297



42.8785, 44.8836, 58.6280



44.0889, 44.8836, 41.0721

Square

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



42.8785, 44.8836, 58.6280



45.9438, 44.8836, 48.2500



42.4433, 44.8836, 40.2607



39.5375, 44.8836, 49.4965

Rectangle

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



42.8785, 44.8836, 58.6280



45.3065, 44.8836, 54.4913



42.4433, 44.8836, 40.2607



40.1196, 44.8836, 43.6504

Sweetspot

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



42.8798, 44.8855, 58.6290



89.2238, 93.7712, 108.0048



45.5766, 51.7551, 54.9772



18.8696, 19.8264, 23.0823



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.



42.8798, 44.8855, 58.6290



74.6085, 77.9683, 105.7248



42.2443, 42.2456, 58.1530



9.7856, 10.2626, 12.7499



7.6045, 4.9655, 34.1143



0.3919, 0.3412, 1.4951

Inverse Universe

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



45.4656, 44.1173, 48.7691



80.1304, 76.4137, 84.6498



48.7874, 53.6056, 46.3046



10.2031, 10.1298, 11.1600



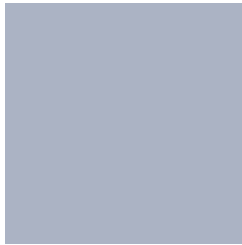
15.2344, 7.7835, 3.8804



0.6902, 0.3491, 0.3359

Previews

White Background



This preview shows how the XYZ color 42.8785, 44.8836, 58.6280 looks on a white background.

Color Contrast Check

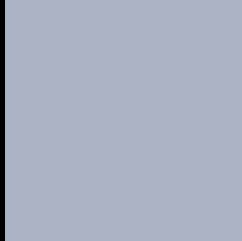
Large Text (above 18pt) WCAG AA × Fail

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 42.8785, 44.8836, 58.6280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

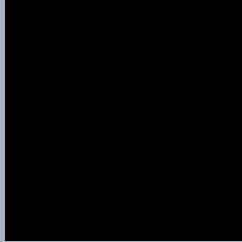
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

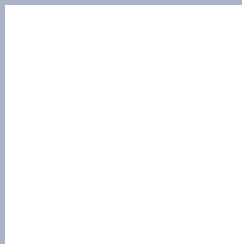
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8785, 44.8836, 58.6280

Background



This preview shows how black text looks on a background with the XYZ color 42.8785, 44.8836, 58.6280.

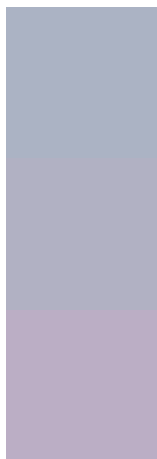


This preview shows how white text looks on a background with the XYZ color 42.8785, 44.8836,

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

42.8785, 44.8836, 58.6280

Protanopia

43.7039, 44.7315, 57.9604

Deuteranopia

45.7076, 44.8681, 59.0747



Tritanopia

42.6523, 44.7932, 57.4369

Trichromacy



Original Color

42.8785, 44.8836, 58.6280

Protanomaly

43.4499, 44.8949, 58.0053

Deuteranomaly

44.6594, 44.9056, 59.1372

Tritanomaly

42.7650, 44.8383, 58.0305

Monochromacy



Original Color

42.8785, 44.8836, 58.6280

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.7816, 44.9731, 52.3248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8785, 44.8836, 58.6280 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(171, 179, 196)` looks like.

```
.text, #text, p{  
    color:rgb(171, 179, 196)  
}
```

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(171, 179, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 179, 196) }
```

Border

The CSS property to change the border of an element to XYZ 42.8785, 44.8836, 58.6280 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(171, 179, 196) }
```


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

```
.border{ border-color:rgb(171, 179, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 179, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 179, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 179, 196);  
box-shadow:4px 4px 4px 4px rgb(171, 179,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8785, 44.8836, 58.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 179, 196) }
```

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

```
.background{ background-color: rgb(171,  
179, 196) }
```

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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