

Converting Colors

XYZ(46.5238, 46.7200, 55.6262)

Have a look what the booklet for
XYZ(46.5238, 46.7200, 55.6262)
contains.

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Color

**XYZ(46.7593, 46.9489,
55.8878)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB3BF
RGB	190, 179, 191
RGB Percent	75%, 70%, 75%
CMY	0.2549, 0.2980, 0.2510
CMYK	0.01, 0.06, 0.00, 0.25
HSL	295°, 9%, 73%
HSV	295°, 6%, 75%
XYZ	46.7593, 46.9489, 55.8878
YIQ	183.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

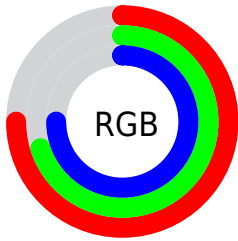
Format	Color
R _Y B	190, 179, 191
Decimal	12497855
CIE Lab	74.16, 6.10, -4.69
CIE LCh	74, 7.698, 322.459
Yxy	46.9489, 0.3126, 0.3138
Android (android.graphics.Color)	4290687935 (0xFFBEB3BF)
YUV	183.6570, 3.6201, 5.5628
Hunter-Lab	68.5193, 1.9042, -0.3965

Details

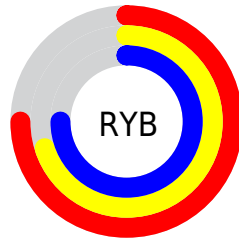
The XYZ color **46.7593, 46.9489, 55.8878** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5915, 50.2208, 49.9408**, and the grayscale version is **45.3516, 47.7134, 51.9599**.

A 20% lighter version of the original color is **84.5029, 85.7249, 100.0885**, and **22.3648, 22.0751, 27.1269** is the 20% darker color. If you saturate the color by 10%, you get **42.7985, 39.6135, 54.6814**, and if you desaturate by 10%, it is **51.2574, 55.3510, 57.2732**.

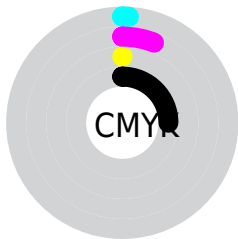
Distribution



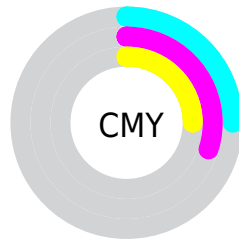
- Red (75%)
- Green (70%)
- Blue (75%)



- Red (75%)
- Yellow (70%)
- Blue (75%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)





- Cyan (25%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7593, 46.9489, 55.8878 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 46.7593, 46.9489, 55.8878 by changing the saturation by 10% instead.


 46.7593, 46.9489,
55.8878

 46.7593, 46.9489,
55.8878

364.5179,
374.6105, 426.6450

 33.0526, 32.9953,
39.7096


 84.5752, 85.6373,
100.3247

 22.3261, 22.1228,
27.0001


109.4150,
111.1409, 129.4204

 14.2147, 13.9472,
17.3409


138.6965,
141.2633, 163.6590

 8.3528, 8.0839,
10.3133

172.7852,
176.3888, 203.4591

 4.3752, 4.1487,
5.4989

212.0463,
216.9019, 249.2392

 1.9165, 1.7571,
2.4790

256.8452,

 0.5864, 0.4602,

263.1870, 301.4179

0.8290

307.5473,
315.6284, 360.4136

■ 0.0000, 0.0000,
0.0000

■ 46.7593, 46.9489,
55.8878

■ 46.7593, 46.9489,
55.8878

■ 42.7985, 39.6135,
54.6814

■ 51.2574, 55.3510,
57.2732

■ 39.3492, 33.2955,
53.6437

■ 56.3092, 64.8547,
58.8413

■ 36.3896, 27.9506,
52.7680

■ 61.9353, 75.5005,
60.5997

■ 33.8948, 23.5288,
52.0460

■ 68.0250, 87.0668,
62.5112

■ 31.8376, 19.9759,
51.4686

■ 68.4422, 87.2820,
62.5308

■ 30.1880, 17.2317,
51.0259

■ 68.8639, 87.4993,
62.5505

■ 28.9121, 15.2287,
50.7065

■ 69.2900, 87.7190,
62.5704

■ 27.9706, 13.8881,
50.4974

■ 69.7206, 87.9410,
62.5906

■ 27.3126, 13.1083,
50.3816

■ 70.1556, 88.1652,
62.6109

Harmonies

Analogous

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



45.6442, 46.9489, 58.4637



46.7593, 46.9489, 55.8878



47.3042, 46.9489, 52.1225

Triad

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



46.7593, 46.9489, 55.8878



44.9724, 46.9489, 43.9543



42.2175, 46.9489, 54.0758

Complementary

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



46.7593, 46.9489, 55.8878



45.5915, 50.2208, 49.9408

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.



42.0460, 46.9489, 50.1292



46.7593, 46.9489, 55.8878



43.6182, 46.9489, 44.4174

Square

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



46.7593, 46.9489, 55.8878



46.2589, 46.9489, 45.3311



42.5538, 46.9489, 46.6302



43.0272, 46.9489, 57.3805

Rectangle

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



46.7593, 46.9489, 55.8878



47.2632, 46.9489, 49.4984



42.5538, 46.9489, 46.6302



42.0840, 46.9489, 52.7753

Sweetspot

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



46.7607, 46.9509, 55.8888



87.0506, 90.2443, 101.1100



44.3176, 45.9900, 55.8321



19.1333, 19.8500, 22.2083



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



46.7607, 46.9509, 55.8888



82.3669, 81.5219, 99.6732



46.4703, 46.8637, 53.0521



9.8494, 9.6548, 12.0166



17.8440, 8.4850, 33.0902



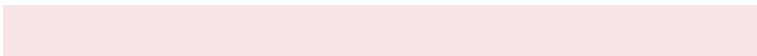
0.7223, 0.3444, 1.2973

Inverse Universe

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



45.8458, 46.6139, 49.7632



80.2767, 80.7529, 85.6391



45.8745, 50.3072, 52.6415



9.5616, 9.5489, 10.0803



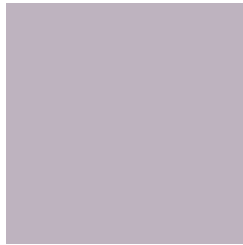
14.1940, 7.3088, 1.0493



0.5671, 0.2907, 0.0995

Previews

White Background



This preview shows how the XYZ color 46.7593, 46.9489, 55.8878 looks on a white background.

Color Contrast Check

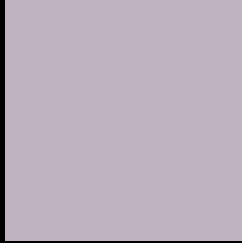
Large Text (above 18pt) WCAG AA × Fail

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 46.7593, 46.9489, 55.8878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

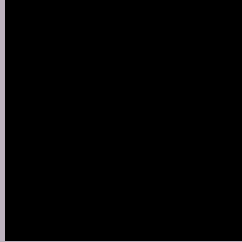
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7593, 46.9489, 55.8878

Background



This preview shows how black text looks on a background with the XYZ color 46.7593, 46.9489, 55.8878.



This preview shows how white text looks on a background with the XYZ color 46.7593, 46.9489,

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

46.7593, 46.9489, 55.8878

Protanopia

45.5667, 46.9208, 56.5242

Deuteranopia

47.8911, 46.9416, 55.8267



Tritanopia

46.9809, 47.0376, 57.0551

Trichromacy



Original Color

46.7593, 46.9489, 55.8878

Protanomaly

46.0854, 46.8874, 56.4904

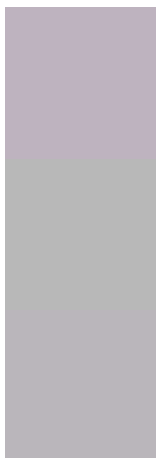
Deuteranomaly

47.5725, 47.0717, 55.8686

Tritanomaly

46.8697, 46.9931, 56.4695

Monochromacy



Original Color

46.7593, 46.9489, 55.8878

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.9473, 47.4829, 53.7571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7593, 46.9489, 55.8878 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(190, 179, 191)` looks like.

```
.text, #text, p{  
    color:rgb(190, 179, 191)  
}
```

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(190, 179, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 179, 191) }
```

Border

The CSS property to change the border of an element to XYZ 46.7593, 46.9489, 55.8878 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(190, 179, 191) }
```


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

```
.border{ border-color:rgb(190, 179, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 179, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 179, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 179, 191);  
box-shadow:4px 4px 4px 4px rgb(190, 179,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7593, 46.9489, 55.8878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 179, 191) }
```

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

```
.background{ background-color: rgb(190,  
179, 191) }
```

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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