

Converting Colors

XYZ(45.8567, 46.4504, 45.7968)

Have a look what the booklet for
XYZ(45.8567, 46.4504, 45.7968)
contains.

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Color

**XYZ(45.8725, 46.4214,
45.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B2AC
RGB	195, 178, 172
RGB Percent	76%, 70%, 67%
CMY	0.2353, 0.3019, 0.3255
CMYK	0.00, 0.09, 0.12, 0.24
HSL	16°, 16%, 72%
HSV	16°, 12%, 76%
XYZ	45.8725, 46.4214, 45.5722
YIQ	182.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

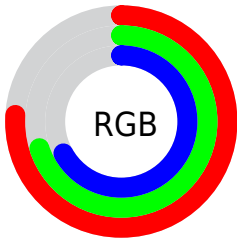
Format	Color
R_{YB}	195, 180, 172
Decimal	12825260
CIE Lab	73.82, 5.05, 5.25
CIE LCh	74, 7.290, 46.121
Yxy	46.4214, 0.3327, 0.3367
Android (android.graphics.Color)	4291015340 (0xFFC3B2AC)
YUV	182.3990, -5.1267, 11.0511
Hunter-Lab	68.1333, 0.9466, 8.0361

Details

The XYZ color **45.8725, 46.4214, 45.5722** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0611, 49.1053, 58.7337**, and the grayscale version is **44.7045, 47.0326, 51.2185**.

A 20% lighter version of the original color is **83.4328, 85.0871, 84.6991**, and **21.7083, 21.6860, 20.8110** is the 20% darker color. If you saturate the color by 10%, you get **41.4176, 40.2916, 35.5155**, and if you desaturate by 10%, it is **50.9061, 53.2677, 57.1787**.

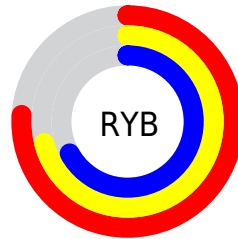
Distribution



Red (76%)

Green (70%)

Blue (67%)



Red (76%)

Yellow (71%)

Blue (67%)

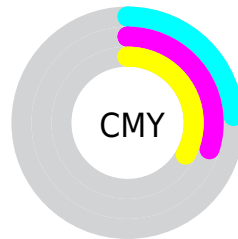


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (30%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8725, 46.4214, 45.5722 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 45.8725, 46.4214, 45.5722 by changing the saturation by 10% instead.


 45.8725, 46.4214,
45.5722

 45.8725, 46.4214,
45.5722


361.0204,
372.5002, 385.3136

 32.3494, 32.5785,
31.5621


 83.2572, 84.8493,
84.9059

 21.7854, 21.8037,
20.7652


107.8495,
110.2031, 111.0667

 13.8150, 13.7128,
12.7629

136.8623,
140.1626, 142.1147

 8.0729, 7.9212,
7.1367

170.6608,
175.1123, 178.4686

 4.1939, 4.0445,
3.4680

209.6106,
215.4365, 220.5469

 1.8124, 1.6985,
1.3383

254.0768,

 0.5251, 0.4227,

261.5196, 268.7682

0.0929

304.4250,
313.7461, 323.5509

■ 0.0000, 0.0000,
0.0000

■ 45.8725, 46.4214,
45.5722

■ 45.8725, 46.4214,
45.5722

■ 41.4176, 40.2916,
35.5155

■ 50.9061, 53.2677,
57.1787

■ 37.5162, 34.8489,
26.9399

■ 56.5345, 60.8465,
70.3939

■ 34.1473, 30.0706,
19.7755

■ 62.7781, 69.1810,
85.2773

■ 31.2866, 25.9309,
13.9460

■ 69.6552, 78.2917,
101.8845

■ 28.9081, 22.4018,
9.3677

■ 74.7590, 87.2284,
107.5043

■ 26.9832, 19.4534,
5.9472

■ 76.3160, 90.3423,
108.0233

■ 25.4800, 17.0529,
3.5779

■ 24.3616, 15.1639,
2.1332

■ 23.6853, 13.9610,
1.4464

Harmonies

Analogous

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



46.5603, 46.4214, 48.5887



45.8725, 46.4214, 45.5722



44.7228, 46.4214, 43.9268

Triad

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



45.8725, 46.4214, 45.5722



41.7463, 46.4214, 48.8519



44.8179, 46.4214, 57.7177

Complementary

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



45.8725, 46.4214, 45.5722



45.0611, 49.1053, 58.7337

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.



43.5269, 46.4214, 57.7966



45.8725, 46.4214, 45.5722



41.7707, 46.4214, 52.5531

Square

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



45.8725, 46.4214, 45.5722



42.3498, 46.4214, 45.7567



42.4169, 46.4214, 55.8670



45.9433, 46.4214, 55.6562

Rectangle

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



45.8725, 46.4214, 45.5722



43.8569, 46.4214, 43.7742



42.4169, 46.4214, 55.8670



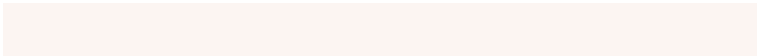
44.3884, 46.4214, 57.9803

Sweetspot

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



45.8738, 46.4235, 45.5732



89.0367, 92.5089, 97.4451



46.4713, 44.7928, 54.4838



19.3427, 20.0477, 20.9795



0.0000, 0.0000, 0.0000



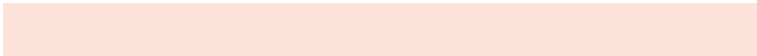
20.3446, 21.4041, 23.3091

Same Dimension

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



45.8738, 46.4235, 45.5732



80.1331, 80.3683, 77.0078



48.2042, 51.0842, 46.3500



10.2822, 10.4959, 10.5458



15.4530, 9.1918, 0.9597



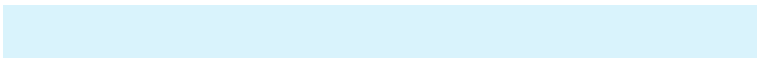
0.7259, 0.5136, 0.0609

Inverse Universe

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



45.0611, 49.1053, 58.7337



78.4072, 86.0609, 104.9487



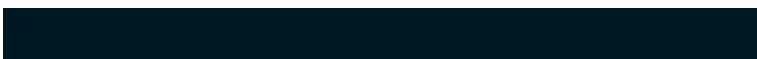
42.7349, 44.4529, 57.9583



10.1389, 10.9691, 12.8677



12.9655, 15.6876, 35.9013



0.6136, 0.7846, 1.5690

Previews

White Background



This preview shows how the XYZ color 45.8725, 46.4214, 45.5722 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 45.8725, 46.4214, 45.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

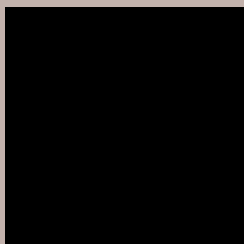
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.8725, 46.4214, 45.5722

Background



This preview shows how black text looks on a background with the XYZ color 45.8725, 46.4214, 45.5722.



This preview shows how white text looks on a background with the XYZ color 45.8725, 46.4214,

45.5722.

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

45.8725, 46.4214, 45.5722

Protanopia

44.5602, 46.6297, 46.1870

Deuteranopia

47.2299, 46.2336, 45.9699



Tritanopia

47.5412, 46.2044, 54.5568

Trichromacy



Original Color

45.8725, 46.4214, 45.5722

Protanomaly

45.0993, 46.6068, 46.1542

Deuteranomaly

46.6213, 46.2099, 45.9974

Tritanomaly

46.8375, 46.2053, 51.2497

Monochromacy



Original Color

45.8725, 46.4214, 45.5722

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.0533, 46.8269, 48.7834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8725, 46.4214, 45.5722 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(195, 178, 172) looks like.

```
.text, #text, p{  
    color:rgb(195, 178, 172)  
}
```

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(195, 178, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 178, 172) }
```

Border

The CSS property to change the border of an element to XYZ 45.8725, 46.4214, 45.5722 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(195, 178, 172) }
```


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

```
.border{ border-color:rgb(195, 178, 172) }
```

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

Here you see how a box with a 4 pixel rgb(195, 178, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 178, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 178, 172);  
box-shadow:4px 4px 4px 4px rgb(195, 178,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8725, 46.4214, 45.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 178, 172) }
```

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

```
.background{ background-color: rgb(195,  
178, 172) }
```

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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