

Converting Colors

XYZ(46.2163, 45.4019, 52.4518)

Have a look what the booklet for
XYZ(46.2163, 45.4019, 52.4518)
contains.

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Color

**XYZ(46.1411, 45.2442,
52.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AEB9
RGB	194, 174, 185
RGB Percent	76%, 68%, 73%
CMY	0.2392, 0.3176, 0.2745
CMYK	0.00, 0.10, 0.05, 0.24
HSL	327°, 14%, 72%
HSV	327°, 10%, 76%
XYZ	46.1411, 45.2442, 52.2000
YIQ	181.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

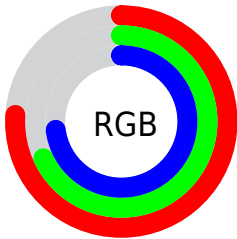
Format	Color
RYB	194, 174, 185
Decimal	12758713
CIELab	73.05, 9.12, -2.99
CIElCh	73, 9.596, 341.831
Yxy	45.2442, 0.3213, 0.3151
Android (android.graphics.Color)	4290948793 (0xFFC2AEB9)
YUV	181.2340, 1.8566, 11.1958
Hunter-Lab	67.2638, 4.7344, 1.0727

Details

The XYZ color **46.1411, 45.2442, 52.2000** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.2963, 51.0023, 52.2592**, and the grayscale version is **44.0357, 46.3290, 50.4523**.

A 20% lighter version of the original color is **83.6802, 82.8987, 94.8097**, and **21.9396, 21.1605, 24.7578** is the 20% darker color. If you saturate the color by 10%, you get **41.7672, 37.9260, 46.3334**, and if you desaturate by 10%, it is **51.1155, 53.6716, 58.5472**.

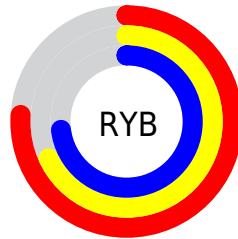
Distribution



Red (76%)

Green (68%)

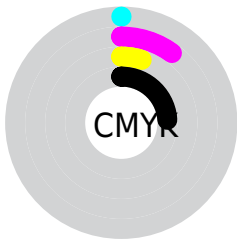
Blue (73%)



Red (76%)

Yellow (68%)

Blue (73%)

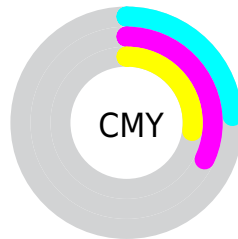


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1411, 45.2442, 52.2000 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 46.1411, 45.2442, 52.2000 by changing the saturation by 10% instead.

■ 46.1411, 45.2442,
52.2000

■ 46.1411, 45.2442,
52.2000

362.0821,
367.7617, 412.1871

■ 32.5623, 31.6498,
36.7812

■ 83.6567, 83.0867,
94.8557

■ 21.9490, 21.0942,
24.7437

108.3242,
108.1037, 122.9297

■ 13.9358, 13.1929,
15.6689

137.4186,
137.6969, 156.0591

■ 8.1574, 7.5615,
9.1383

171.3053,
172.2509, 194.6626

■ 4.2485, 3.8157,
4.7335

210.3496,
212.1500, 239.1585

■ 1.8437, 1.5710,
2.0358

254.9170,

■ 0.5438, 0.3379,

257.7785, 289.9656

0.5771

305.3727,
309.5210, 347.5023

■ 0.0000, 0.0000,
0.0000

■ 46.1411, 45.2442,
52.2000

■ 46.1411, 45.2442,
52.2000

■ 41.7672, 37.9260,
46.3334

■ 51.1155, 53.6716,
58.5472

■ 37.9658, 31.6645,
40.9314

■ 56.7093, 63.2461,
65.3845

■ 34.7125, 26.4117,
35.9814

■ 62.9451, 74.0111,
72.7247

■ 31.9793, 22.1136,
31.4688

■ 69.8435, 86.0059,
80.5792

■ 29.7359, 18.7111,
27.3779

■ 72.1036, 88.6275,
87.1856

■ 27.9484, 16.1386,
23.6921

■ 73.3515, 89.1267,
93.7570

■ 26.5786, 14.3210,
20.3926

■ 74.6616, 89.6507,
100.6559

■ 25.5811, 13.1698,
17.4585

■ 76.0347, 90.2000,
107.8866

■ 24.8857, 12.5244,
14.9293

■ 76.0584, 90.2095,
108.0112

Harmonies

Analogous

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



45.1904, 45.2442, 56.4713



46.1411, 45.2442, 52.2000



46.2379, 45.2442, 47.3936

Triad

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



46.1411, 45.2442, 52.2000



42.3454, 45.2442, 40.7643



40.6445, 45.2442, 55.6841

Complementary

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



46.1411, 45.2442, 52.2000



45.2963, 51.0023, 52.2592

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.



39.9231, 45.2442, 51.1815



46.1411, 45.2442, 52.2000



40.8879, 45.2442, 42.6962

Square

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



46.1411, 45.2442, 52.2000



44.0168, 45.2442, 40.9977



40.0110, 45.2442, 46.4388



42.0054, 45.2442, 58.5712

Rectangle

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



46.1411, 45.2442, 52.2000



45.8021, 45.2442, 44.5503



40.0110, 45.2442, 46.4388



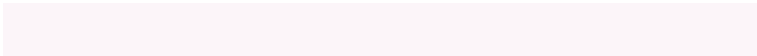
40.3208, 45.2442, 54.2973

Sweetspot

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



46.1424, 45.2462, 52.2010



90.0284, 92.8518, 102.8335



44.4038, 44.2366, 57.2377



19.5506, 20.0539, 22.3110



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.



46.1424, 45.2462, 52.2010



82.0235, 79.3261, 92.5068



45.1236, 44.8387, 46.8362



10.2997, 10.1685, 11.6690



16.4033, 8.2511, 10.0358



0.7431, 0.3702, 0.6145

Inverse Universe

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



46.1424, 45.2462, 52.2010



82.0235, 79.3261, 92.5068



46.3744, 51.4335, 57.9362



10.2997, 10.1685, 11.6690



16.4033, 8.2511, 10.0358



0.7431, 0.3702, 0.6145

Previews

White Background



This preview shows how the XYZ color 46.1411, 45.2442, 52.2000 looks on a white background.

Color Contrast Check

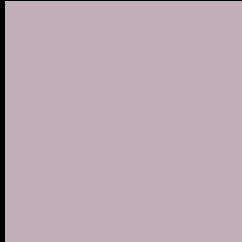
Large Text (above 18pt) WCAG AA × Fail

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 46.1411, 45.2442, 52.2000 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 46.1411, 45.2442, 52.2000

Background



This preview shows how black text looks on a background with the XYZ color 46.1411, 45.2442, 52.2000.



This preview shows how white text looks on a background with the XYZ color 46.1411, 45.2442,

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

46.1411, 45.2442, 52.2000

Protanopia

43.8199, 45.1749, 53.9870

Deuteranopia

46.1411, 45.2442, 52.2000



Tritanopia

46.3538, 45.3293, 53.3200

Trichromacy



Original Color

46.1411, 45.2442, 52.2000

Protanomaly

44.6994, 45.3464, 53.4105

Deuteranomaly

46.1411, 45.2442, 52.2000

Tritanomaly

46.2471, 45.2866, 52.7581

Monochromacy



Original Color

46.1411, 45.2442, 52.2000

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.6136, 45.6573, 50.7173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1411, 45.2442, 52.2000 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(194, 174, 185)` looks like.

```
.text, #text, p{  
    color:rgb(194, 174, 185)  
}
```

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(194, 174, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 174, 185) }
```

Border

The CSS property to change the border of an element to XYZ 46.1411, 45.2442, 52.2000 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(194, 174, 185) }
```


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

```
.border{ border-color:rgb(194, 174, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 174, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 174, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 174, 185);  
box-shadow:4px 4px 4px 4px rgb(194, 174,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1411, 45.2442, 52.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 174, 185) }
```

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

```
.background{ background-color: rgb(194,  
174, 185) }
```

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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