

Converting Colors

XYZ(46.1276, 45.2301, 52.9414)

Have a look what the booklet for
XYZ(46.1276, 45.2301, 52.9414)
contains.

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Color

**XYZ(45.9913, 45.1547,
52.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	C1AEBA
RGB	193, 174, 186
RGB Percent	76%, 68%, 73%
CMY	0.2431, 0.3176, 0.2706
CMYK	0.00, 0.10, 0.04, 0.24
HSL	322°, 13%, 72%
HSV	322°, 10%, 76%
XYZ	45.9913, 45.1547, 52.7461
YIQ	181.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

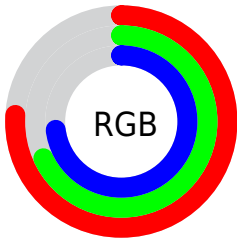
Format	Color
RYP	193, 174, 186
Decimal	12693178
CIELab	72.99, 8.95, -3.64
CIElCh	73, 9.657, 337.871
Yxy	45.1547, 0.3196, 0.3138
Android (android.graphics.Color)	4290883258 (0xFFC1AEBA)
YUV	181.0490, 2.4408, 10.4810
Hunter-Lab	67.1972, 4.5742, 0.4987

Details

The XYZ color **45.9913, 45.1547, 52.7461** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8677, 50.4760, 51.0965**, and the grayscale version is **43.9329, 46.2209, 50.3345**.

A 20% lighter version of the original color is **83.1132, 82.5892, 95.5652**, and **21.8406, 21.1015, 25.1122** is the 20% darker color. If you saturate the color by 10%, you get **41.7903, 37.9322, 47.7082**, and if you desaturate by 10%, it is **50.7683, 53.4677, 58.1627**.

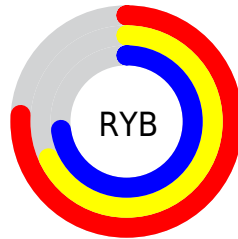
Distribution



Red (76%)

Green (68%)

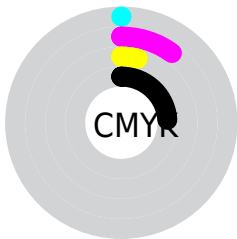
Blue (73%)



Red (76%)

Yellow (68%)

Blue (73%)

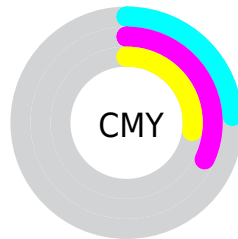


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (24%)



Cyan (24%)


Magenta (32%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9913, 45.1547, 52.7461 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 45.9913, 45.1547, 52.7461 by changing the saturation by 10% instead.

 45.9913, 45.1547,
52.7461

 45.9913, 45.1547,
52.7461


361.4902,
367.3997, 414.3489

 32.4436, 31.5793,
37.2138


 83.4339, 82.9525,
95.6684

 21.8577, 21.0404,
25.0760


108.0595,
107.9437, 123.8955

 13.8684, 13.1535,
15.9141


137.1084,
137.5089, 157.1912

 8.1103, 7.5343,
9.3097

170.9460,
172.0326, 195.9742

 4.2180, 3.7985,
4.8442

209.9376,
211.8992, 240.6629

 1.8262, 1.5615,
2.0990

254.4486,

 0.5334, 0.3314,

257.4929, 291.6759

0.6152

304.8443,
309.1983, 349.4317

■ 0.0000, 0.0000,
0.0000

■ 45.9913, 45.1547,
52.7461

■ 45.9913, 45.1547,
52.7461

■ 41.7903, 37.9322,
47.7082

■ 50.7683, 53.4677,
58.1627

■ 38.1382, 31.7486,
43.0358

■ 56.1392, 62.9081,
63.9651

■ 35.0112, 26.5569,
38.7187

■ 62.1262, 73.5188,
70.1636

■ 32.3824, 22.3041,
34.7452

■ 68.7488, 85.3381,
76.7675

■ 30.2226, 18.9324,
31.1026

■ 70.8786, 88.1080,
82.0695

■ 28.4990, 16.3775,
27.7771

■ 71.8497, 88.4965,
87.1836

■ 27.1745, 14.5661,
24.7533

■ 72.8616, 88.9012,
92.5118

■ 26.2054, 13.4119,
22.0136

■ 73.9145, 89.3224,
98.0567

■ 25.5085, 12.7492,
19.5271

■ 75.0091, 89.7602,
103.8208

Harmonies

Analogous

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



44.9389, 45.1547, 56.8637



45.9913, 45.1547, 52.7461



46.2097, 45.1547, 47.9055

Triad

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



45.9913, 45.1547, 52.7461



42.4758, 45.1547, 40.5318



40.4100, 45.1547, 55.0874

Complementary

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



45.9913, 45.1547, 52.7461



44.8677, 50.4760, 51.0965

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.



39.7868, 45.1547, 50.4480



45.9913, 45.1547, 52.7461



40.9590, 45.1547, 42.1960

Square

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



45.9913, 45.1547, 52.7461



44.1508, 45.1547, 41.0583



39.9851, 45.1547, 45.7513



41.7088, 45.1547, 58.2759

Rectangle

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



45.9913, 45.1547, 52.7461



45.8477, 45.1547, 44.9526



39.9851, 45.1547, 45.7513



40.1162, 45.1547, 53.6343

Sweetspot

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



45.9926, 45.1567, 52.7471



88.0705, 90.7738, 100.9862



43.8117, 43.9443, 56.6258



18.7428, 19.2104, 21.4946



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.



45.9926, 45.1567, 52.7471



80.5164, 77.6689, 92.2930



45.0193, 44.7674, 47.6218



10.3347, 10.1825, 11.8533



16.9987, 8.4892, 13.1712



0.7668, 0.3797, 0.7392

Inverse Universe

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



45.9926, 45.1567, 52.7471



80.5164, 77.6689, 92.2930



45.8723, 50.8779, 56.3867



10.3347, 10.1825, 11.8533



16.9987, 8.4892, 13.1712



0.7668, 0.3797, 0.7392

Previews

White Background



This preview shows how the XYZ color 45.9913, 45.1547, 52.7461 looks on a white background.

Color Contrast Check

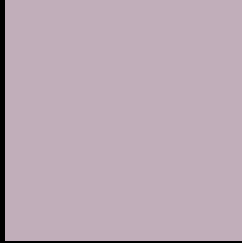
Large Text (above 18pt) WCAG AA × Fail

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 45.9913, 45.1547, 52.7461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

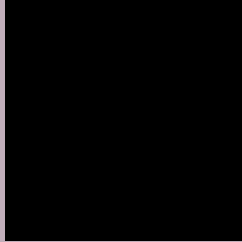
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9913, 45.1547, 52.7461

Background



This preview shows how black text looks on a background with the XYZ color 45.9913, 45.1547, 52.7461.



This preview shows how white text looks on a background with the XYZ color 45.9913, 45.1547,

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

45.9913, 45.1547, 52.7461

Protanopia

43.9281, 45.2182, 54.5568

Deuteranopia

45.9913, 45.1547, 52.7461



Tritanopia

46.0980, 45.1974, 53.3081

Trichromacy



Original Color

45.9913, 45.1547, 52.7461

Protanomaly

44.8068, 45.3894, 53.9764

Deuteranomaly

45.9913, 45.1547, 52.7461

Tritanomaly

46.0980, 45.1974, 53.3081

Monochromacy



Original Color

45.9913, 45.1547, 52.7461

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.4752, 45.5740, 51.2523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9913, 45.1547, 52.7461 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(193, 174, 186) looks like.

```
.text, #text, p{  
    color:rgb(193, 174, 186)  
}
```

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(193, 174, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 174, 186) }
```

Border

The CSS property to change the border of an element to XYZ 45.9913, 45.1547, 52.7461 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(193, 174, 186) }
```


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

```
.border{ border-color:rgb(193, 174, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 174, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(193, 174,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9913, 45.1547, 52.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 174, 186) }
```

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

```
.background{ background-color: rgb(193,  
174, 186) }
```

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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