

Converting Colors

XYZ(45.2950, 46.1754, 57.9324)

Have a look what the booklet for
XYZ(45.2950, 46.1754, 57.9324)
contains.

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Color

**XYZ(45.2618, 46.1254,
58.1473)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B3C3
RGB	182, 179, 195
RGB Percent	71%, 70%, 76%
CMY	0.2863, 0.2980, 0.2353
CMYK	0.07, 0.08, 0.00, 0.24
HSL	251°, 12%, 73%
HSV	251°, 8%, 76%
XYZ	45.2618, 46.1254, 58.1473
YIQ	181.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

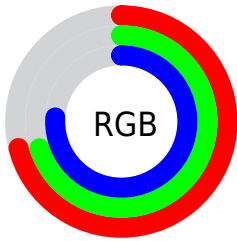
Format	Color
RYB	182, 179, 195
Decimal	11973571
CIELab	73.63, 4.13, -7.73
CIELCh	74, 8.768, 298.100
Yxy	46.1254, 0.3027, 0.3085
Android (android.graphics.Color)	4290163651 (0xFFB6B3C3)
YUV	181.7210, 6.5465, 0.2447
Hunter-Lab	67.9157, 0.1073, -3.2213

Details

The XYZ color **45.2618, 46.1254, 58.1473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3918, 53.4926, 50.3720**, and the grayscale version is **44.2797, 46.5856, 50.7318**.

A 20% lighter version of the original color is **82.5389, 84.6221, 104.0789**, and **21.3218, 21.5119, 28.2277** is the 20% darker color. If you saturate the color by 10%, you get **38.0938, 37.0339, 56.7710**, and if you desaturate by 10%, it is **53.4087, 56.5445, 59.7297**.

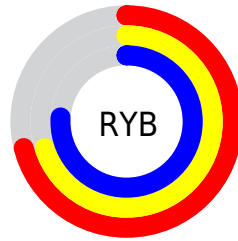
Distribution



Red (71%)

Green (70%)

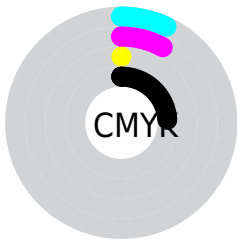
Blue (76%)



Red (71%)

Yellow (70%)

Blue (76%)

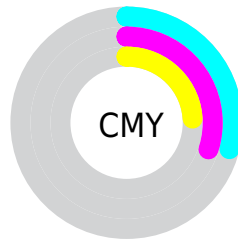


Cyan (7%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.2618, 46.1254, 58.1473 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 45.2618, 46.1254, 58.1473 by changing the saturation by 10% instead.

■ 45.2618, 46.1254,
58.1473

■ 45.2618, 46.1254,
58.1473

358.5987,
371.3126, 435.3482

■ 31.8658, 32.3448,
41.5116

■ 82.3478, 84.4066,
103.6542

■ 21.4141, 21.6250,
28.3963

106.7685,
109.6761, 133.3625

■ 13.5412, 13.5816,
18.3830

135.5949,
139.5439, 168.2654

■ 7.8818, 7.8303,
11.0530

169.1922,
174.3945, 208.7815

■ 4.0706, 3.9865,
5.9879

207.9259,
214.6122, 255.3293

■ 1.7421, 1.6660,
2.7691

252.1614,

■ 0.4824, 0.4015,

260.5816, 308.3273

0.9780

302.2638,
312.6869, 368.1941

■ 0.0000, 0.0000,
0.0000

■ 45.2618, 46.1254,
58.1473

■ 45.2618, 46.1254,
58.1473

■ 38.0938, 37.0339,
56.7710

■ 53.4087, 56.5445,
59.7297

■ 31.8636, 29.2108,
55.5893

■ 62.5656, 68.3356,
61.5230

■ 26.5329, 22.6010,
54.5945

■ 72.7671, 81.5484,
63.5357

■ 22.0595, 17.1430,
53.7767

■ 83.4022, 94.9425,
65.5604

■ 18.3974, 12.7701,
53.1257

■ 86.8505, 96.7202,
65.7218

■ 15.4964, 9.4083,
52.6297

■ 13.3004, 6.9745,
52.2757

■ 11.7450, 5.3718,
52.0483

■ 10.7397, 4.4551,
51.9243

Harmonies

Analogous

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



43.7419, 46.1254, 59.2602



45.2618, 46.1254, 58.1473



46.4240, 46.1254, 54.8769

Triad

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



45.2618, 46.1254, 58.1473



45.4371, 46.1254, 43.3093



40.9247, 46.1254, 49.9398

Complementary

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



45.2618, 46.1254, 58.1473



49.3918, 53.4926, 50.3720

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.



41.3552, 46.1254, 45.8394



45.2618, 46.1254, 58.1473



43.9399, 46.1254, 42.1543

Square

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



45.2618, 46.1254, 58.1473



46.5269, 46.1254, 46.3029



42.4499, 46.1254, 43.0530



41.2601, 46.1254, 54.3577

Rectangle

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



45.2618, 46.1254, 58.1473



46.8269, 46.1254, 52.0062



42.4499, 46.1254, 43.0530



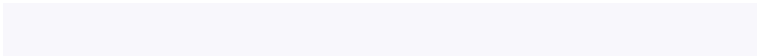
40.9845, 46.1254, 48.4805

Sweetspot

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



45.2632, 46.1274, 58.1483



89.8602, 93.8438, 105.8473



47.3065, 51.2537, 59.0301



19.7108, 20.5922, 23.1858



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.



45.2632, 46.1274, 58.1483



78.4248, 79.2521, 103.6335



47.1905, 47.1209, 58.2385



9.7005, 9.8368, 12.6722



6.9405, 2.8384, 33.7387



0.3544, 0.1507, 1.4603

Inverse Universe

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



48.1418, 47.6501, 56.5316



84.7331, 82.5899, 100.0550



47.4364, 52.4846, 50.2805



10.4137, 10.2141, 12.2693



18.6939, 9.1673, 22.0978



0.8291, 0.4047, 1.0676

Previews

White Background



This preview shows how the XYZ color 45.2618, 46.1254, 58.1473 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 45.2618, 46.1254, 58.1473 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 45.2618, 46.1254, 58.1473

Background



This preview shows how black text looks on a background with the XYZ color 45.2618, 46.1254, 58.1473.

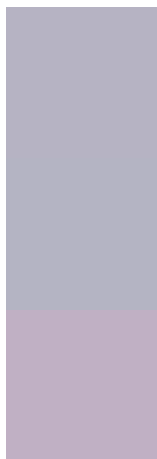


This preview shows how white text looks on a background with the XYZ color 45.2618, 46.1254,

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

45.2618, 46.1254, 58.1473

Protanopia

44.9940, 46.2859, 58.1924

Deuteranopia

47.2274, 46.2427, 58.6611



Tritanopia

45.0371, 46.0355, 56.9641

Trichromacy



Original Color

45.2618, 46.1254, 58.1473

Protanomaly

45.2276, 46.4064, 58.2033

Deuteranomaly

46.4250, 46.1212, 58.6800

Tritanomaly

45.1491, 46.0803, 57.5537

Monochromacy



Original Color

45.2618, 46.1254, 58.1473

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.7849, 46.5807, 53.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2618, 46.1254, 58.1473 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(182, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(182, 179, 195)  
}
```

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(182, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 179, 195) }
```

Border

The CSS property to change the border of an element to XYZ 45.2618, 46.1254, 58.1473 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(182, 179, 195) }
```


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

```
.border{ border-color:rgb(182, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(182, 179,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2618, 46.1254, 58.1473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 179, 195) }
```

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

```
.background{ background-color: rgb(182,  
179, 195) }
```

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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