

Converting Colors

XYZ(46.1669, 46.5924, 62.0963)

Have a look what the booklet for
XYZ(46.1669, 46.5924, 62.0963)
contains.

XYZ(45.9541, 46.4023, 61.7928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.9541, 46.4023,
61.7928)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B3C9
RGB	182, 179, 201
RGB Percent	71%, 70%, 79%
CMY	0.2863, 0.2980, 0.2118
CMYK	0.09, 0.11, 0.00, 0.21
HSL	248°, 17%, 75%
HSV	248°, 11%, 79%
XYZ	45.9541, 46.4023, 61.7928
YIQ	182.4050, -5.2740, 7.4780

Conversions

Conversions Part 2

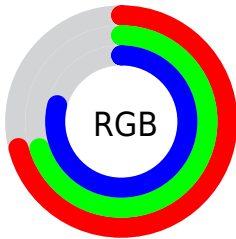
Format	Color
R_{YB}	182, 179, 201
Decimal	11973577
CIE Lab	73.81, 5.34, -10.75
CIE LCh	74, 12.001, 296.414
Yxy	46.4023, 0.2981, 0.3010
Android (android.graphics.Color)	4290163657 (0xFFB6B3C9)
YUV	182.4050, 9.1673, -0.3552
Hunter-Lab	68.1192, 1.2097, -6.1001

Details

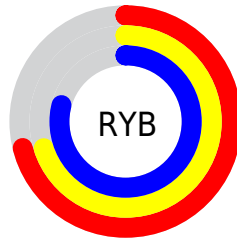
The XYZ color **45.9541, 46.4023, 61.7928** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3136, 57.0349, 50.9016**, and the grayscale version is **44.6389, 46.9636, 51.1434**.

A 20% lighter version of the original color is **83.0182, 84.8138, 106.6029**, and **21.7806, 21.6954, 30.6434** is the 20% darker color. If you saturate the color by 10%, you get **38.3668, 36.9412, 60.3672**, and if you desaturate by 10%, it is **54.6397, 57.3037, 63.4399**.

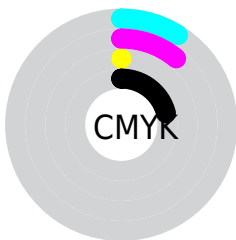
Distribution



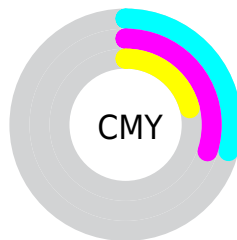
- Red (71%)
- Green (70%)
- Blue (79%)



- Red (71%)
- Yellow (70%)
- Blue (79%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (29%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.9541, 46.4023, 61.7928 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 45.9541, 46.4023, 61.7928 by changing the saturation by 10% instead.

■ 45.9541, 46.4023,
61.7928

■ 45.9541, 46.4023,
61.7928

361.3431,
372.4237, 449.1617

■ 32.4141, 32.5634,
44.4306

■ 83.3786, 84.8208,
108.9947

■ 21.8350, 21.7922,
30.6695

107.9938,
110.1691, 139.6715

■ 13.8517, 13.7043,
20.0910

137.0313,
140.1227, 175.6235

■ 8.0986, 7.9153,
12.2764

170.8567,
175.0660, 217.2694

■ 4.2104, 4.0408,
6.8074

209.8352,
215.3833, 265.0276

■ 1.8219, 1.6964,
3.2653

254.3322,

■ 0.5308, 0.4213,

261.4591, 319.3167

1.2317

304.7131,
313.6778, 380.5552

■ 0.0000, 0.0000,
0.0048

■ 0.0000, 0.0000,
0.0000

■ 45.9541, 46.4023,
61.7928

■ 45.9541, 46.4023,
61.7928

■ 38.3668, 36.9412,
60.3672

■ 54.6397, 57.3037,
63.4399

■ 31.8298, 28.8545,
59.1509

■ 64.4609, 69.6963,
65.3143

■ 26.2978, 22.0797,
58.1348

■ 75.4580, 83.6353,
67.4252

■ 21.7204, 16.5473,
57.3082

■ 86.2472, 96.3292,
69.3067

■ 18.0428, 12.1811,
56.6593

■ 87.5427, 96.9971,
69.3673

■ 15.2046, 8.8968,
56.1749

■ 13.1379, 6.5983,
55.8402

■ 11.7634, 5.1724,
55.6374

■ 11.0051, 4.4555,
55.5390

Harmonies

Analogous

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



43.8480, 46.4023, 63.1794



45.9541, 46.4023, 61.7928



47.6102, 46.4023, 57.3055

Triad

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



45.9541, 46.4023, 61.7928



46.4123, 46.4023, 41.3559



40.1354, 46.4023, 49.7931

Complementary

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



45.9541, 46.4023, 61.7928



52.3136, 57.0349, 50.9016

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.



40.7743, 46.4023, 44.3002



45.9541, 46.4023, 61.7928



44.3610, 46.4023, 39.6830

Square

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



45.9541, 46.4023, 61.7928



47.8807, 46.4023, 45.4762



42.3042, 46.4023, 40.7163



40.5313, 46.4023, 55.9326

Rectangle

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



45.9541, 46.4023, 61.7928



48.2126, 46.4023, 53.3343



42.3042, 46.4023, 40.7163



40.2357, 46.4023, 47.8146

Sweetspot

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



45.9555, 46.4043, 61.7938



90.2686, 93.9841, 107.9908



49.3438, 54.2206, 63.1240



19.0542, 19.7808, 23.0638



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.



45.9555, 46.4043, 61.7938



75.6108, 75.6111, 105.2170



48.6396, 47.7880, 61.9194



10.1889, 10.3556, 13.3793



6.9650, 2.8248, 34.9225



0.3748, 0.1569, 1.6557

Inverse Universe

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



50.4021, 48.7369, 60.1789



84.6526, 80.3554, 101.8882



49.5346, 55.6022, 50.7716



11.0185, 10.7908, 13.0808



19.9500, 9.7296, 26.0105



0.9623, 0.4678, 1.3245

Previews

White Background



This preview shows how the XYZ color 45.9541, 46.4023, 61.7928 looks on a white background.

Color Contrast Check

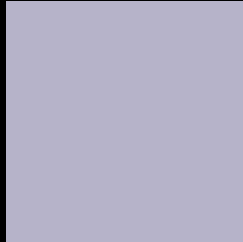
Large Text (above 18pt) WCAG AA × Fail

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 45.9541, 46.4023, 61.7928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

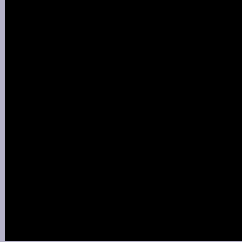
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9541, 46.4023, 61.7928

Background



This preview shows how black text looks on a background with the XYZ color 45.9541, 46.4023, 61.7928.



This preview shows how white text looks on a background with the XYZ color 45.9541, 46.4023,

61.7928.

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

45.9541, 46.4023, 61.7928

Protanopia

45.5723, 46.4905, 62.4488

Deuteranopia

47.4212, 46.2621, 62.3072



Tritanopia

45.1149, 46.3613, 57.6098

Trichromacy



Original Color

45.9541, 46.4023, 61.7928

Protanomaly

45.8043, 46.6101, 62.4596

Deuteranomaly

46.8763, 46.2733, 62.3381

Tritanomaly

45.4554, 46.4975, 59.4025

Monochromacy



Original Color

45.9541, 46.4023, 61.7928

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.0006, 46.6670, 54.7800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9541, 46.4023, 61.7928 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(182, 179, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 179, 201) }
```

Border

The CSS property to change the border of an element to XYZ 45.9541, 46.4023, 61.7928 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, 201) }
```


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

```
.border{ border-color:rgb(182, 179, 201) }
```

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, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 179, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 179, 201);  
box-shadow:4px 4px 4px 4px rgb(182, 179,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9541, 46.4023, 61.7928 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, 201) }
```

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

```
.background{ background-color: rgb(182,  
179, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor