

Converting Colors

XYZ(45.5591, 46.7501, 53.9777)

Have a look what the booklet for
XYZ(45.5591, 46.7501, 53.9777)
contains.

XYZ(45.6481, 46.7125, 54.1874)	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(45.6481, 46.7125,
54.1874)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB4BC
RGB	186, 180, 188
RGB Percent	73%, 71%, 74%
CMY	0.2706, 0.2941, 0.2627
CMYK	0.01, 0.04, 0.00, 0.26
HSL	285°, 6%, 72%
HSV	285°, 4%, 74%
XYZ	45.6481, 46.7125, 54.1874
YIQ	182.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

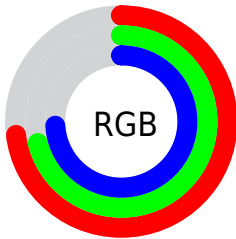
Format	Color
R _Y B	186, 180, 188
Decimal	12235964
CIE Lab	74.01, 3.61, -3.31
CIE LCh	74, 4.895, 317.436
Yxy	46.7125, 0.3115, 0.3188
Android (android.graphics.Color)	4290426044 (0xFFBAB4BC)
YUV	182.7060, 2.6099, 2.8888
Hunter-Lab	68.3465, -0.3878, 0.8355

Details

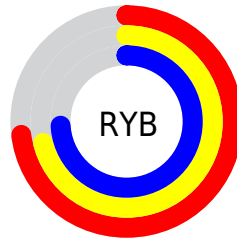
The XYZ color **45.6481, 46.7125, 54.1874** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5145, 49.2080, 50.2816**, and the grayscale version is **44.8357, 47.1706, 51.3688**.

A 20% lighter version of the original color is **82.9425, 85.3998, 97.7002**, and **21.6354, 21.9146, 26.0113** is the 20% darker color. If you saturate the color by 10%, you get **40.9844, 39.0522, 52.9553**, and if you desaturate by 10%, it is **50.8669, 55.4257, 55.5949**.

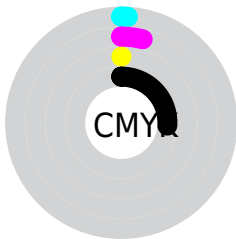
Distribution



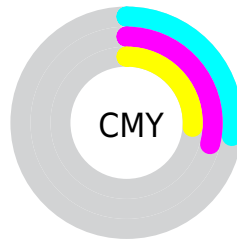
- Red (73%)
- Green (71%)
- Blue (74%)



- Red (73%)
- Yellow (71%)
- Blue (74%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (27%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6481, 46.7125, 54.1874 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 45.6481, 46.7125, 54.1874 by changing the saturation by 10% instead.

■ 45.6481, 46.7125,
54.1874

■ 45.6481, 46.7125,
54.1874

360.1318,
373.6658, 420.0190

■ 32.1717, 32.8084,
38.3573

■ 82.9232, 85.2843,
97.8085

■ 21.6488, 21.9797,
25.9561

107.4526,
110.7209, 126.4366

■ 13.7143, 13.8420,
16.5654

136.3970,
140.7703, 160.1678

■ 8.0026, 8.0109,
9.7664

170.1217,
175.8172, 199.4207

■ 4.1484, 4.1019,
5.1408

208.9923,
216.2457, 244.6136

■ 1.7864, 1.7307,
2.2699

253.3739,

■ 0.5095, 0.4434,

262.4404, 296.1653

0.7143

303.6319,
314.7856, 354.4943

■ 0.0000, 0.0000,
0.0000

■ 45.6481, 46.7125,
54.1874

■ 45.6481, 46.7125,
54.1874

■ 40.9844, 39.0522,
52.9553

■ 50.8669, 55.4257,
55.5949

■ 36.8507, 32.3975,
51.8887

■ 56.6565, 65.2249,
57.1812

■ 33.2262, 26.7062,
50.9812

■ 63.0369, 76.1491,
58.9534

■ 30.0867, 21.9311,
50.2250

■ 69.9607, 88.1025,
60.8958

■ 27.4064, 18.0204,
49.6114

■ 71.2757, 88.7804,
60.9573

■ 25.1565, 14.9177,
49.1311

■ 72.6299, 89.4785,
61.0207

■ 23.3051, 12.5593,
48.7735

■ 74.0237, 90.1971,
61.0859

■ 21.8152, 10.8719,
48.5263

■ 75.4575, 90.9362,
61.1530

■ 20.6422, 9.7672,
48.3749

■ 76.9315, 91.6961,
61.2220

Harmonies

Analogous

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



44.9043, 46.7125, 55.5932



45.6481, 46.7125, 54.1874



46.0594, 46.7125, 51.9161

Triad

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



45.6481, 46.7125, 54.1874



44.7654, 46.7125, 46.3075



42.8148, 46.7125, 52.3178

Complementary

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



45.6481, 46.7125, 54.1874



45.5145, 49.2080, 50.2816

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.



42.7787, 46.7125, 49.8222



45.6481, 46.7125, 54.1874



43.8972, 46.7125, 46.4070

Square

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



45.6481, 46.7125, 54.1874



45.5453, 46.7125, 47.3989



43.1726, 46.7125, 47.6755



43.2718, 46.7125, 54.4897

Rectangle

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



45.6481, 46.7125, 54.1874



46.0861, 46.7125, 50.2416



43.1726, 46.7125, 47.6755



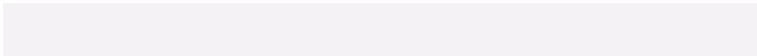
42.7532, 46.7125, 51.4874

Sweetspot

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



45.6494, 46.7145, 54.1884



85.6814, 89.5611, 98.9973



44.6567, 46.8467, 54.2663



18.4358, 19.2771, 21.2917



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



45.6494, 46.7145, 54.1884



81.9939, 83.4405, 98.0103



45.9388, 46.8868, 53.1586



10.0902, 10.2313, 12.1152



13.7283, 6.3633, 32.8976



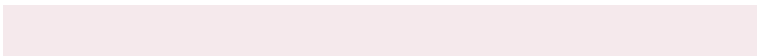
0.5942, 0.2784, 1.2913

Inverse Universe

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



45.5054, 46.7134, 50.8764



81.6862, 83.4396, 90.8685



45.2370, 49.0428, 51.2677



10.0485, 10.2313, 11.1414



14.4954, 7.4293, 2.6363



0.5950, 0.3019, 0.2466

Previews

White Background



This preview shows how the XYZ color 45.6481, 46.7125, 54.1874 looks on a white background.

Color Contrast Check

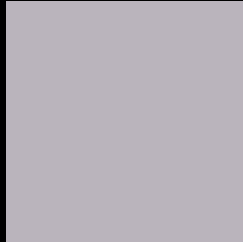
Large Text (above 18pt) WCAG AA × Fail

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 45.6481, 46.7125, 54.1874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

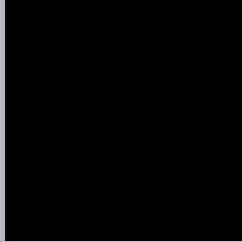
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6481, 46.7125, 54.1874

Background



This preview shows how black text looks on a background with the XYZ color 45.6481, 46.7125, 54.1874.

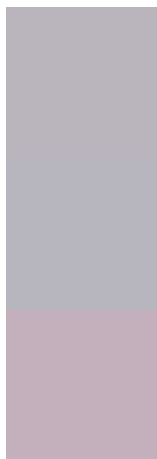


This preview shows how white text looks on a background with the XYZ color 45.6481, 46.7125,

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

45.6481, 46.7125, 54.1874

Protanopia

45.2376, 46.7891, 54.7910

Deuteranopia

47.4756, 46.4606, 54.6097



Tritanopia

46.2393, 46.6553, 57.0204

Trichromacy



Original Color

45.6481, 46.7125, 54.1874

Protanomaly

45.4763, 46.9122, 54.8022

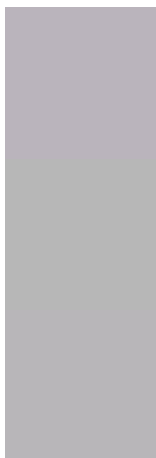
Deuteranomaly

46.6457, 46.3249, 54.6272

Tritanomaly

46.0176, 46.5666, 55.8531

Monochromacy



Original Color

45.6481, 46.7125, 54.1874

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.2521, 47.1490, 52.6146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6481, 46.7125, 54.1874 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(186, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(186, 180, 188)  
}
```

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(186, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 180, 188) }
```

Border

The CSS property to change the border of an element to XYZ 45.6481, 46.7125, 54.1874 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(186, 180, 188) }
```


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

```
.border{ border-color:rgb(186, 180, 188) }
```

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

Here you see how a box with a 4 pixel rgb(186, 180, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(186, 180,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6481, 46.7125, 54.1874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 180, 188) }
```

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

```
.background{ background-color: rgb(186,  
180, 188) }
```

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