

Converting Colors

XYZ(44.3146, 44.9594, 47.9229)

Have a look what the booklet for
XYZ(44.3146, 44.9594, 47.9229)
contains.

XYZ(44.4474, 45.0438, 47.9467)	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(44.4474, 45.0438,
47.9467)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB0B1
RGB	189, 176, 177
RGB Percent	74%, 69%, 69%
CMY	0.2588, 0.3098, 0.3059
CMYK	0.00, 0.07, 0.06, 0.26
HSL	355°, 9%, 72%
HSV	355°, 7%, 74%
XYZ	44.4474, 45.0438, 47.9467
YIQ	180.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

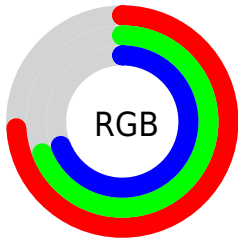
Format	Color
R_{YB}	189, 176, 177
Decimal	12431537
CIE Lab	72.92, 4.82, 1.15
CIE LCh	73, 4.953, 13.462
Yxy	45.0438, 0.3234, 0.3277
Android (android.graphics.Color)	4290621617 (0xFFBDB0B1)
YUV	180.0010, -1.4795, 7.8921
Hunter-Lab	67.1147, 0.7628, 4.6235

Details

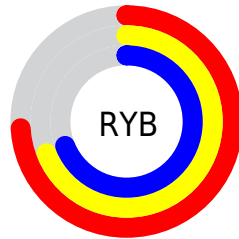
The XYZ color **44.4474, 45.0438, 47.9467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1809, 49.2572, 54.7056**, and the grayscale version is **43.3889, 45.6485, 49.7112**.

A 20% lighter version of the original color is **81.2208, 83.0089, 88.8323**, and **20.9991, 21.1048, 22.0356** is the 20% darker color. If you saturate the color by 10%, you get **39.3671, 37.4906, 38.2136**, and if you desaturate by 10%, it is **50.2687, 53.7218, 59.0253**.

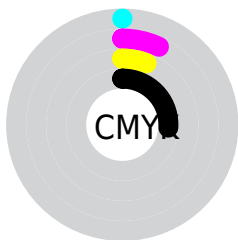
Distribution



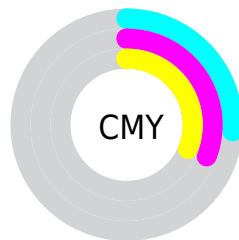
- Red (74%)
- Green (69%)
- Blue (69%)



- Red (74%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4474, 45.0438, 47.9467 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 44.4474, 45.0438, 47.9467 by changing the saturation by 10% instead.

■ 44.4474, 45.0438,
47.9467

■ 44.4474, 45.0438,
47.9467

355.3523,
366.9509, 395.0834

■ 31.2218, 31.4919,
33.4250

■ 81.1327, 82.7861,
88.4898

■ 20.9205, 20.9737,
22.1784

105.3232,
107.7454, 115.3482

■ 13.1780, 13.1048,
13.7885

133.8993,
137.2759, 147.1559

■ 7.6291, 7.5008,
7.8366

167.2265,
171.7620, 184.3316

■ 3.9083, 3.7772,
3.9043

205.6700,
211.5882, 227.2936

■ 1.6504, 1.5497,
1.5730

249.5952,

■ 0.4249, 0.3233,

257.1388, 276.4605

0.2714

299.3676,
308.7983, 332.2510

■ 0.0000, 0.0000,
0.0000

■ 44.4474, 45.0438,
47.9467

■ 44.4474, 45.0438,
47.9467

■ 39.3671, 37.4906,
38.2136

■ 50.2687, 53.7218,
59.0253

■ 34.9943, 31.0106,
29.7719

■ 56.8550, 63.5618,
71.4949

■ 31.2989, 25.5569,
22.5682

■ 64.2341, 74.6067,
85.4024

■ 28.2469, 21.0767,
16.5444

■ 72.4311, 86.8951,
100.7917

■ 25.8013, 17.5129,
11.6373

■ 74.7965, 89.5589,
107.9522

■ 23.9216, 14.8020,
7.7783

■ 22.5621, 12.8727,
4.8908

■ 21.6701, 11.6419,
2.8881

■ 21.1764, 10.9974,
1.6659

Harmonies

Analogous

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



44.4238, 45.0438, 50.4107



44.4474, 45.0438, 47.9467



44.0289, 45.0438, 45.8473

Triad

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



44.4474, 45.0438, 47.9467



41.6811, 45.0438, 45.6749



42.3420, 45.0438, 53.7447

Complementary

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



44.4474, 45.0438, 47.9467



45.1809, 49.2572, 54.7056

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.



41.6193, 45.0438, 52.3882



44.4474, 45.0438, 47.9467



41.2412, 45.0438, 47.7043

Square

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



44.4474, 45.0438, 47.9467



42.4275, 45.0438, 44.5657



41.2187, 45.0438, 50.1600



43.2004, 45.0438, 53.8149

Rectangle

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



44.4474, 45.0438, 47.9467



43.5587, 45.0438, 44.9140



41.2187, 45.0438, 50.1600



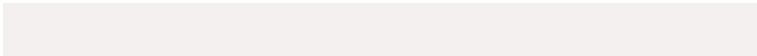
42.0754, 45.0438, 53.4220

Sweetspot

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



44.4487, 45.0458, 47.9477



84.4880, 87.9481, 95.1786



45.4305, 45.4076, 54.5147



18.1922, 18.9477, 20.5122



90.7827, 95.5105, 104.0109



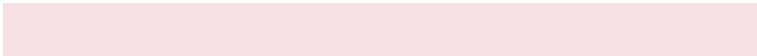
18.6292, 19.5994, 21.3438

Same Dimension

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



44.4487, 45.0458, 47.9477



78.3963, 78.8743, 83.5615



45.4328, 47.1724, 47.7873



9.5591, 9.5479, 10.0671



14.1874, 7.3061, 1.0143



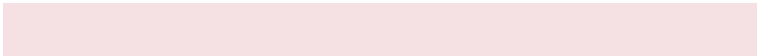
0.5660, 0.2903, 0.0936

Inverse Universe

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



44.4487, 45.0458, 47.9477



78.3963, 78.8743, 83.5615



44.1455, 47.0139, 54.8925



9.5591, 9.5479, 10.0671



14.1874, 7.3061, 1.0143



0.5660, 0.2903, 0.0936

Previews

White Background



This preview shows how the XYZ color 44.4474, 45.0438, 47.9467 looks on a white background.

Color Contrast Check

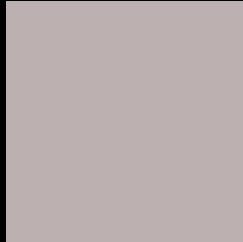
Large Text (above 18pt) WCAG AA × Fail

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 44.4474, 45.0438, 47.9467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

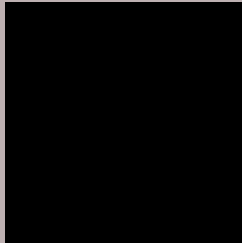
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4474, 45.0438, 47.9467

Background



This preview shows how black text looks on a background with the XYZ color 44.4474, 45.0438, 47.9467.



This preview shows how white text looks on a background with the XYZ color 44.4474, 45.0438,

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

44.4474, 45.0438, 47.9467

Protanopia

43.2477, 45.0002, 48.5260

Deuteranopia

46.0054, 44.9718, 48.3752



Tritanopia

45.6990, 44.9793, 53.8502

Trichromacy



Original Color

44.4474, 45.0438, 47.9467

Protanomaly

43.7656, 44.9729, 48.4934

Deuteranomaly

45.4201, 44.9558, 48.4029

Tritanomaly

45.2169, 45.0678, 51.6632

Monochromacy



Original Color

44.4474, 45.0438, 47.9467

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.7852, 45.5622, 49.1345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4474, 45.0438, 47.9467 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(189, 176, 177)` looks like.

```
.text, #text, p{  
    color:rgb(189, 176, 177)  
}
```

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(189, 176, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 176, 177) }
```

Border

The CSS property to change the border of an element to XYZ 44.4474, 45.0438, 47.9467 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(189, 176, 177) }
```


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

```
.border{ border-color:rgb(189, 176, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 176, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 176, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 176, 177);  
box-shadow:4px 4px 4px 4px rgb(189, 176,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4474, 45.0438, 47.9467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 176, 177) }
```

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

```
.background{ background-color: rgb(189,  
176, 177) }
```

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