

Converting Colors

XYZ(42.8990, 45.1295, 46.3471)

Have a look what the booklet for
XYZ(42.8990, 45.1295, 46.3471)
contains.

XYZ(43.0515, 45.2413, 46.5078)	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(43.0515, 45.2413,
46.5078)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B3AE
RGB	182, 179, 174
RGB Percent	71%, 70%, 68%
CMY	0.2863, 0.2980, 0.3176
CMYK	0.00, 0.02, 0.04, 0.29
HSL	38°, 5%, 70%
HSV	38°, 4%, 71%
XYZ	43.0515, 45.2413, 46.5078
YIQ	179.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

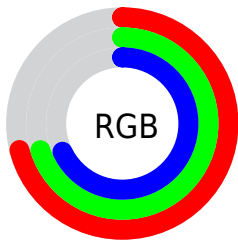
Format	Color
RYB	179, 182, 174
Decimal	11973550
CIELab	73.05, 0.15, 2.91
CIELCh	73, 2.918, 87.021
Yxy	45.2413, 0.3194, 0.3356
Android (android.graphics.Color)	4290163630 (0xFFB6B3AE)
YUV	179.3270, -2.6262, 2.3442
Hunter-Lab	67.2617, -3.4572, 6.0873

Details

The XYZ color **43.0515, 45.2413, 46.5078** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.6212, 43.8197, 50.5209**, and the grayscale version is **43.0356, 45.2768, 49.3064**.

A 20% lighter version of the original color is **79.1111, 83.2509, 86.0282**, and **20.0270, 20.9940, 21.4091** is the 20% darker color. If you saturate the color by 10%, you get **40.0637, 41.9151, 37.3432**, and if you desaturate by 10%, it is **46.3498, 48.8027, 56.9632**.

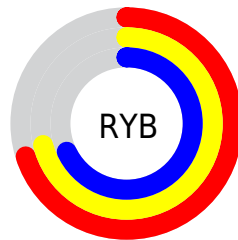
Distribution



Red (71%)

Green (70%)

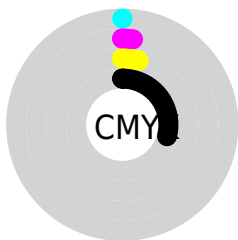
Blue (68%)



Red (70%)

Yellow (71%)

Blue (68%)

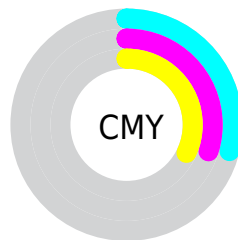


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0515, 45.2413, 46.5078 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 43.0515, 45.2413, 46.5078 by changing the saturation by 10% instead.

■ 43.0515, 45.2413,
46.5078

■ 43.0515, 45.2413,
46.5078

349.7414,
367.7500, 389.1832

■ 30.1202, 31.6475,
32.2952

■ 79.0438, 83.0824,
86.3207

■ 20.0784, 21.0924,
21.3204

102.8355,
108.0985, 112.7581

■ 12.5606, 13.1916,
13.1649

130.9781,
137.6908, 144.1075

■ 7.2016, 7.5606,
7.4101

163.8369,
172.2438, 180.7874

■ 3.6359, 3.8151,
3.6376

201.7773,
212.1418, 223.2164

■ 1.4983, 1.5707,
1.4287

245.1646,

■ 0.3247, 0.3377,

257.7693, 271.8130

0.1639

294.3642,
309.5105, 326.9957

■ 0.0000, 0.0000,
0.0000

■ 43.0515, 45.2413,
46.5078

■ 43.0515, 45.2413,
46.5078

■ 40.0637, 41.9151,
37.3432

■ 46.3498, 48.8027,
56.9632

■ 37.3722, 38.8125,
29.4155

■ 49.9649, 52.5990,
68.7546

■ 34.9669, 35.9294,
22.6714

■ 53.9076, 56.6375,
81.9283

■ 32.8357, 33.2593,
17.0526

■ 58.1869, 60.9231,
96.5279

■ 30.9658, 30.7954,
12.4958

■ 61.1589, 64.7998,
103.8919

■ 29.3429, 28.5303,
8.9312

■ 62.9109, 68.3038,
104.4759

■ 27.9510, 26.4559,
6.2806

■ 64.7359, 71.9538,
105.0843

■ 26.7722, 24.5632,
4.4540

■ 66.6347, 75.7513,
105.7172

■ 25.7846, 22.8417,
3.3428

■ 68.6081, 79.6982,
106.3750

Harmonies

Analogous

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



43.5366, 45.2413, 46.9411



43.0515, 45.2413, 46.5078



42.5564, 45.2413, 46.7998

Triad

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



43.0515, 45.2413, 46.5078



42.1326, 45.2413, 50.5473



43.8285, 45.2413, 50.8050

Complementary

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



43.0515, 45.2413, 46.5078



41.6212, 43.8197, 50.5209

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.



43.4476, 45.2413, 51.8051



43.0515, 45.2413, 46.5078



42.4688, 45.2413, 51.6542

Square

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



43.0515, 45.2413, 46.5078



42.0284, 45.2413, 49.1142



42.9495, 45.2413, 52.1189



43.9874, 45.2413, 49.4062

Rectangle

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



43.0515, 45.2413, 46.5078



42.2869, 45.2413, 47.3698



42.9495, 45.2413, 52.1189



43.7221, 45.2413, 51.2000

Sweetspot

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



43.0528, 45.2433, 46.5088



80.0094, 84.1574, 90.4566



42.3705, 43.3949, 47.7733



17.6785, 18.5952, 20.0007



88.6918, 93.3107, 101.6153



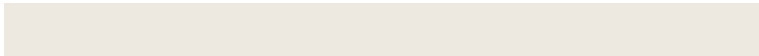
17.8044, 18.7317, 20.3988

Same Dimension

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



43.0528, 45.2433, 46.5088



77.6621, 81.5954, 83.0998



43.4402, 46.3443, 46.7009



9.7192, 10.2096, 10.3243



17.9244, 15.6251, 2.0712



0.6892, 0.6655, 0.0921

Inverse Universe

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



41.6212, 43.8197, 50.5209



74.6735, 78.6235, 91.4759



41.2444, 42.7565, 50.3355



9.3067, 9.7994, 11.4804



7.4892, 5.4381, 31.9080



0.3243, 0.3123, 1.1449

Previews

White Background



This preview shows how the XYZ color 43.0515, 45.2413, 46.5078 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 43.0515, 45.2413, 46.5078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

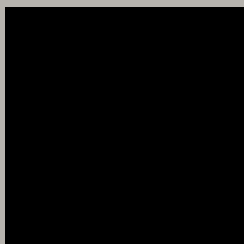
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

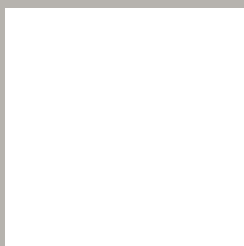
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0515, 45.2413, 46.5078

Background



This preview shows how black text looks on a background with the XYZ color 43.0515, 45.2413, 46.5078.



This preview shows how white text looks on a background with the XYZ color 43.0515, 45.2413,

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

43.0515, 45.2413, 46.5078

Protanopia

43.3275, 45.0871, 46.4635

Deuteranopia

45.9701, 44.9881, 46.8181



Tritanopia

44.7836, 45.3523, 55.1087

Trichromacy



Original Color

43.0515, 45.2413, 46.5078

Protanomaly

43.0888, 44.9641, 46.4523

Deuteranomaly

44.8061, 44.9616, 46.8744

Tritanomaly

44.1006, 45.3688, 51.7801

Monochromacy



Original Color

43.0515, 45.2413, 46.5078

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8783, 45.1178, 48.0437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0515, 45.2413, 46.5078 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(182, 179, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 179, 174) }
```

Border

The CSS property to change the border of an element to XYZ 43.0515, 45.2413, 46.5078 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, 174) }
```


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

```
.border{ border-color:rgb(182, 179, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 179, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 179, 174);  
box-shadow:4px 4px 4px 4px rgb(182, 179,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0515, 45.2413, 46.5078 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, 174) }
```

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

```
.background{ background-color: rgb(182,  
179, 174) }
```

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