

Converting Colors

XYZ(43.9601, 48.3328, 44.8466)

Have a look what the booklet for
XYZ(43.9601, 48.3328, 44.8466)
contains.

XYZ(43.8484, 48.1462, 45.0123)	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(43.8484, 48.1462,
45.0123)**

Conversions

Conversions Part 1

Format	Color
Hex	B4BBAA
RGB	180, 187, 170
RGB Percent	71%, 73%, 67%
CMY	0.2941, 0.2666, 0.3333
CMYK	0.04, 0.00, 0.09, 0.27
HSL	85°, 11%, 70%
HSV	85°, 9%, 73%
XYZ	43.8484, 48.1462, 45.0123
YIQ	182.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

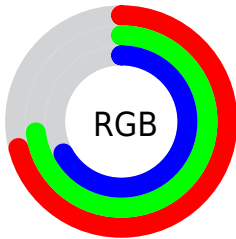
Format	Color
RYB	170, 187, 177
Decimal	11844522
CIELab	74.92, -5.54, 7.76
CIELCh	75, 9.538, 125.502
Yxy	48.1462, 0.3200, 0.3514
Android (android.graphics.Color)	4290034602 (0xFFB4BBAA)
YUV	182.9690, -6.3937, -2.6038
Hunter-Lab	69.3875, -8.6276, 10.1092

Details

The XYZ color **43.8484, 48.1462, 45.0123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.4777, 41.6857, 52.8762**, and the grayscale version is **45.0273, 47.3722, 51.5884**.

A 20% lighter version of the original color is **80.2333, 87.3703, 83.8696**, and **20.5475, 22.8702, 20.4710** is the 20% darker color. If you saturate the color by 10%, you get **40.4605, 46.5911, 36.2670**, and if you desaturate by 10%, it is **47.5903, 49.8575, 55.0898**.

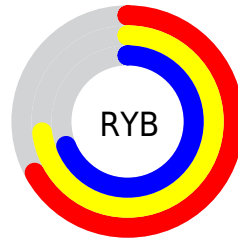
Distribution



Red (71%)

Green (73%)

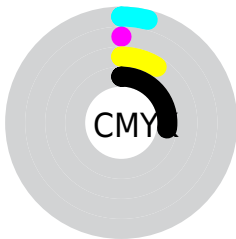
Blue (67%)



Red (67%)

Yellow (73%)

Blue (69%)

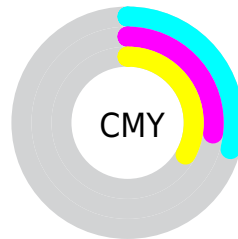


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (29%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8484, 48.1462, 45.0123 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 43.8484, 48.1462, 45.0123 by changing the saturation by 10% instead.

■ 43.8484, 48.1462,
45.0123

■ 43.8484, 48.1462,
45.0123

352.9519,
379.3713, 382.9850

■ 30.7487, 33.9427,
31.1241

■ 80.2373, 87.4220,
84.0575

■ 20.5585, 22.8496,
20.4341

104.2573,
113.2632, 110.0516

■ 12.9123, 14.4825,
12.5238

132.6481,
143.7522, 140.9181

■ 7.4447, 8.4570,
6.9746

165.7751,
179.2737, 177.0755

■ 3.7906, 4.3887,
3.3680

204.0036,
220.2120, 218.9423

■ 1.5843, 1.8933,
1.2855

247.6990,

■ 0.3822, 0.5443,

266.9514, 266.9371

0.0498

297.2267,
319.8764, 321.4785

■ 0.0000, 0.0000,
0.0000

■ 43.8484, 48.1462,
45.0123

■ 43.8484, 48.1462,
45.0123

■ 40.4605, 46.5911,
36.2670

■ 47.5903, 49.8575,
55.0898

■ 37.4104, 45.1810,
28.7950

■ 51.6938, 51.7235,
66.5488

■ 34.6866, 43.9125,
22.5376

■ 56.1711, 53.7510,
79.4399

■ 32.2751, 42.7799,
17.4304

■ 61.0327, 55.9442,
93.8103

■ 30.1608, 41.7769,
13.4029

■ 64.8887, 57.7474,
102.3341

■ 28.3272, 40.8967,
10.3770

■ 67.2533, 58.9664,
102.4448

■ 26.7555, 40.1316,
8.2640

■ 69.7265, 60.2413,
102.5605

■ 25.4240, 39.4727,
6.9595

■ 72.3096, 61.5730,
102.6814

■ 24.2956, 38.9049,
6.2776

■ 75.0040, 62.9620,
102.8075

Harmonies

Analogous

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



45.4419, 48.1462, 43.4631



43.8484, 48.1462, 45.0123



42.7878, 48.1462, 48.5544

Triad

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



43.8484, 48.1462, 45.0123



44.3900, 48.1462, 61.6219



49.1687, 48.1462, 51.5108

Complementary

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



43.8484, 48.1462, 45.0123



41.4777, 41.6857, 52.8762

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.



48.8699, 48.1462, 56.4919



43.8484, 48.1462, 45.0123



46.0827, 48.1462, 62.5367

Square

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



43.8484, 48.1462, 45.0123



43.0949, 48.1462, 58.1789



47.7295, 48.1462, 60.6055



48.5359, 48.1462, 47.0599

Rectangle

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



43.8484, 48.1462, 45.0123



42.5107, 48.1462, 51.6762



47.7295, 48.1462, 60.6055



49.1740, 48.1462, 53.1770

Sweetspot

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



43.8497, 48.1483, 45.0133



82.5027, 88.0457, 91.2302



43.4336, 44.8341, 44.3956



18.0484, 19.3343, 19.7660



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.



43.8497, 48.1483, 45.0133



77.2134, 85.6251, 77.1543



41.9750, 47.1818, 44.9256



9.9319, 10.9193, 10.1608



16.7560, 26.8139, 4.2925



0.7290, 1.0878, 0.1715

Inverse Universe

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



41.4777, 41.6857, 52.8762



72.0645, 71.5966, 94.2227



43.4262, 42.6902, 52.9674



9.3787, 9.4121, 11.9946



8.3681, 3.6000, 32.6467



0.4023, 0.1794, 1.2823

Previews

White Background



This preview shows how the XYZ color 43.8484, 48.1462, 45.0123 looks on a white background.

Color Contrast Check

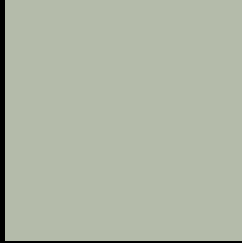
Large Text (above 18pt) WCAG AA × Fail

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 43.8484, 48.1462, 45.0123 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 43.8484, 48.1462, 45.0123

Background



This preview shows how black text looks on a background with the XYZ color 43.8484, 48.1462, 45.0123.



This preview shows how white text looks on a background with the XYZ color 43.8484, 48.1462,

45.0123.

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

43.8484, 48.1462, 45.0123

Protanopia

45.6942, 48.1845, 43.9380

Deuteranopia

49.0989, 48.0847, 45.7232



Tritanopia

46.7787, 48.0885, 59.6398

Trichromacy



Original Color

43.8484, 48.1462, 45.0123

Protanomaly

45.0039, 48.1273, 44.4537

Deuteranomaly

46.9005, 47.8583, 45.2937

Tritanomaly

45.6386, 47.9361, 53.8609

Monochromacy



Original Color

43.8484, 48.1462, 45.0123

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.4678, 47.4404, 48.9327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8484, 48.1462, 45.0123 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(180, 187, 170)` looks like.

```
.text, #text, p{  
    color:rgb(180, 187, 170)  
}
```

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(180, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 187, 170) }
```

Border

The CSS property to change the border of an element to XYZ 43.8484, 48.1462, 45.0123 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(180, 187, 170) }
```


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

```
.border{ border-color:rgb(180, 187, 170) }
```

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

Here you see how a box with a 4 pixel rgb(180, 187, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 187, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 187, 170);  
box-shadow:4px 4px 4px 4px rgb(180, 187,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8484, 48.1462, 45.0123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 187, 170) }
```

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

```
.background{ background-color: rgb(180,  
187, 170) }
```

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