

Converting Colors

XYZ(43.5091, 47.9934, 44.9670)

Have a look what the booklet for
XYZ(43.5091, 47.9934, 44.9670)
contains.

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Color

**XYZ(43.6164, 48.0266,
45.0014)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BBAA
RGB	179, 187, 170
RGB Percent	70%, 73%, 67%
CMY	0.2980, 0.2666, 0.3333
CMYK	0.04, 0.00, 0.09, 0.27
HSL	88°, 11%, 70%
HSV	88°, 9%, 73%
XYZ	43.6164, 48.0266, 45.0014
YIQ	182.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

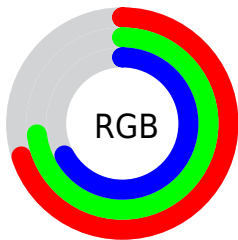
Format	Color
RYB	170, 187, 178
Decimal	11778986
CIELab	74.84, -5.90, 7.65
CIELCh	75, 9.656, 127.637
Yxy	48.0266, 0.3192, 0.3515
Android (android.graphics.Color)	4289969066 (0xFFB3BBAA)
YUV	182.6700, -6.2463, -3.2186
Hunter-Lab	69.3012, -8.9339, 10.0103

Details

The XYZ color **43.6164, 48.0266, 45.0014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7063, 41.8036, 52.8869**, and the grayscale version is **44.8629, 47.1993, 51.4001**.

A 20% lighter version of the original color is **79.9021, 87.1996, 83.8541**, and **20.3993, 22.7938, 20.4640** is the 20% darker color. If you saturate the color by 10%, you get **40.0022, 46.3549, 36.2455**, and if you desaturate by 10%, it is **47.6149, 49.8701, 55.0909**.

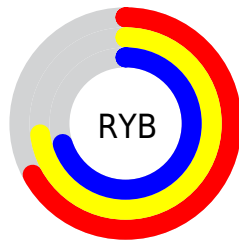
Distribution



Red (70%)

Green (73%)

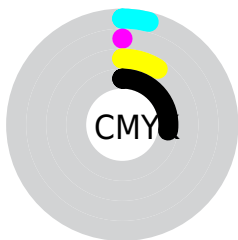
Blue (67%)



Red (67%)

Yellow (73%)

Blue (70%)

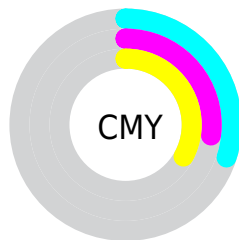


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6164, 48.0266, 45.0014 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 43.6164, 48.0266, 45.0014 by changing the saturation by 10% instead.

■ 43.6164, 48.0266,
45.0014

■ 43.6164, 48.0266,
45.0014

352.0193,
378.8976, 382.9395

■ 30.5657, 33.8480,
31.1156

■ 79.8901, 87.2440,
84.0410

■ 20.4185, 22.7768,
20.4277

103.8438,
113.0516, 110.0318

■ 12.8097, 14.4288,
12.5191

132.1626,
143.5042, 140.8947

■ 7.3737, 8.4195,
6.9715

165.2117,
178.9863, 177.0483

■ 3.7453, 4.3645,
3.3661

203.3566,
219.8823, 218.9110

■ 1.5591, 1.8795,
1.2845

246.9626,

■ 0.3655, 0.5360,

266.5766, 266.9014

0.0490

296.3951,
319.4535, 321.4381

■ 0.0000, 0.0000,
0.0000

■ 43.6164, 48.0266,
45.0014

■ 43.6164, 48.0266,
45.0014

■ 40.0022, 46.3549,
36.2455

■ 47.6149, 49.8701,
55.0909

■ 36.7552, 44.8432,
28.7643

■ 52.0059, 51.8844,
66.5633

■ 33.8631, 43.4880,
22.4990

■ 56.8024, 54.0764,
79.4694

■ 31.3111, 42.2829,
17.3852

■ 62.0157, 56.4509,
93.8562

■ 29.0831, 41.2213,
13.3525

■ 66.2567, 58.4526,
102.3981

■ 27.1616, 40.2958,
10.3225

■ 69.0401, 59.8875,
102.5284

■ 25.5269, 39.4982,
8.2065

■ 71.9666, 61.3961,
102.6653

■ 24.1564, 38.8192,
6.9002

■ 75.0382, 62.9796,
102.8091

■ 23.0117, 38.2430,
6.2175

■ 77.0613, 64.0225,
102.9038

Harmonies

Analogous

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



45.2005, 48.0266, 43.2803



43.6164, 48.0266, 45.0014



42.5953, 48.0266, 48.6985

Triad

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



43.6164, 48.0266, 45.0014



44.3749, 48.0266, 61.7572



49.0776, 48.0266, 51.0178

Complementary

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



43.6164, 48.0266, 45.0014



41.7063, 41.8036, 52.8869

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.



48.8429, 48.0266, 56.0597



43.6164, 48.0266, 45.0014



46.0982, 48.0266, 62.4768

Square

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



43.6164, 48.0266, 45.0014



43.0253, 48.0266, 58.4244



47.7414, 48.0266, 60.3321



48.3748, 48.0266, 46.6060

Rectangle

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



43.6164, 48.0266, 45.0014



42.3560, 48.0266, 51.8951



47.7414, 48.0266, 60.3321



49.1060, 48.0266, 52.6925

Sweetspot

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



43.6177, 48.0287, 45.0024



82.3584, 87.9713, 91.2234



43.6581, 45.2831, 44.4704



18.0083, 19.3136, 19.7642



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.



43.6177, 48.0287, 45.0024



76.7090, 85.3650, 77.1307



41.7277, 47.0544, 44.9140



9.8778, 10.8914, 10.1583



15.8716, 26.3580, 4.2511



0.6967, 1.0711, 0.1700

Inverse Universe

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



41.7063, 41.8036, 52.8869



72.5599, 71.8519, 94.2459



43.7013, 42.8320, 52.9803



9.4320, 9.4396, 11.9971



9.0366, 3.9446, 32.6780



0.4295, 0.1935, 1.2836

Previews

White Background



This preview shows how the XYZ color 43.6164, 48.0266, 45.0014 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 43.6164, 48.0266, 45.0014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

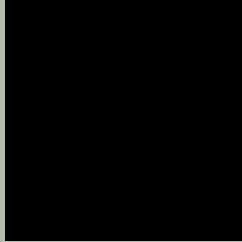
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

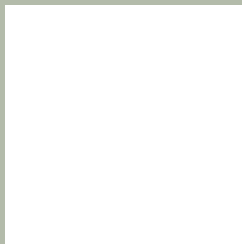
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6164, 48.0266, 45.0014

Background



This preview shows how black text looks on a background with the XYZ color 43.6164, 48.0266, 45.0014.



This preview shows how white text looks on a background with the XYZ color 43.6164, 48.0266,

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

43.6164, 48.0266, 45.0014

Protanopia

45.4872, 47.7705, 43.8690

Deuteranopia

48.8204, 47.9412, 45.7102



Tritanopia

46.5400, 47.9655, 59.6287

Trichromacy



Original Color

43.6164, 48.0266, 45.0014

Protanomaly

44.7954, 47.7103, 44.3842

Deuteranomaly

46.6395, 47.7238, 45.2815

Tritanomaly

45.4015, 47.8139, 53.8498

Monochromacy



Original Color

43.6164, 48.0266, 45.0014

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 43.6164, 48.0266, 45.0014 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(179, 187, 170)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 170) }
```

Border

The CSS property to change the border of an element to XYZ 43.6164, 48.0266, 45.0014 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(179, 187, 170) }
```


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

```
.border{ border-color:rgb(179, 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(179, 187, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 170);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6164, 48.0266, 45.0014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 170) }
```

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

```
.background{ background-color: rgb(179,  
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](#).

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