

Converting Colors

XYZ(43.0943, 45.7264, 47.8177)

Have a look what the booklet for
XYZ(43.0943, 45.7264, 47.8177)
contains.

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Color

**XYZ(43.1827, 45.8856,
47.6551)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B5B0
RGB	180, 181, 176
RGB Percent	71%, 71%, 69%
CMY	0.2941, 0.2902, 0.3098
CMYK	0.01, 0.00, 0.03, 0.29
HSL	72°, 3%, 70%
HSV	72°, 3%, 71%
XYZ	43.1827, 45.8856, 47.6551
YIQ	180.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

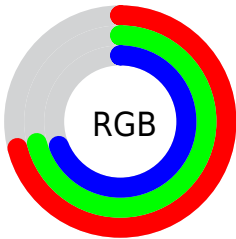
Format	Color
RYB	176, 181, 177
Decimal	11842992
CIELab	73.47, -1.27, 2.41
CIELCh	73, 2.726, 117.815
Yxy	45.8856, 0.3158, 0.3356
Android (android.graphics.Color)	4290033072 (0xFFB4B5B0)
YUV	180.1310, -2.0366, -0.1149
Hunter-Lab	67.7389, -4.7516, 5.7060

Details

The XYZ color **43.1827, 45.8856, 47.6551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.9990, 43.7352, 49.9466**, and the grayscale version is **43.4640, 45.7275, 49.7973**.

A 20% lighter version of the original color is **79.4417, 84.2274, 88.4144**, and **20.1097, 21.4056, 22.1406** is the 20% darker color. If you saturate the color by 10%, you get **40.6763, 44.7882, 38.8041**, and if you desaturate by 10%, it is **45.9527, 47.0940, 57.7669**.

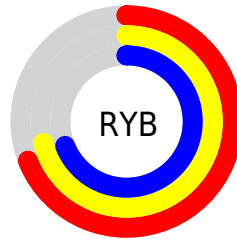
Distribution



Red (71%)

Green (71%)

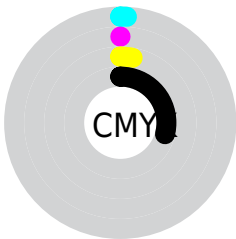
Blue (69%)



Red (69%)

Yellow (71%)

Blue (69%)

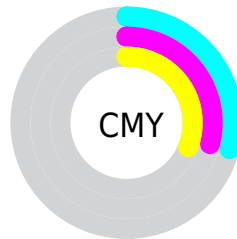


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1827, 45.8856, 47.6551 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 43.1827, 45.8856, 47.6551 by changing the saturation by 10% instead.

■ 43.1827, 45.8856,
47.6551

■ 43.1827, 45.8856,
47.6551

350.2714,
370.3485, 393.8926

■ 30.2236, 32.1556,
33.1958

■ 79.2405, 84.0478,
88.0509

■ 20.1573, 21.4803,
22.0041

103.0699,
109.2487, 114.8244

■ 12.6184, 13.4756,
13.6616

131.2535,
139.0420, 146.5397

■ 7.2415, 7.7568,
7.7496

164.1566,
173.8121, 183.6154

■ 3.6612, 3.9397,
3.8497

202.1446,
213.9434, 226.4700

■ 1.5123, 1.6399,
1.5433

245.5828,

■ 0.3342, 0.3843,

259.8203, 275.5220

0.2498

294.8366,
311.8272, 331.1901

■ 0.0000, 0.0000,
0.0000

■ 43.1827, 45.8856,
47.6551

■ 43.1827, 45.8856,
47.6551

■ 40.6763, 44.7882,
38.8041

■ 45.9527, 47.0940,
57.7669

■ 38.4201, 43.7918,
31.1616

■ 48.9913, 48.4109,
69.1832

■ 36.4051, 42.8946,
24.6758

■ 52.3086, 49.8419,
81.9494

■ 34.6205, 42.0919,
19.2902

■ 55.9127, 51.3902,
96.1075

■ 33.0545, 41.3792,
14.9435

■ 57.9032, 52.2958,
101.6500

■ 31.6941, 40.7512,
11.5684

■ 58.8725, 52.7955,
101.6954

■ 30.5248, 40.2020,
9.0898

■ 59.8649, 53.3071,
101.7418

■ 29.5301, 39.7251,
7.4214

■ 60.8806, 53.8307,
101.7893

■ 28.6903, 39.3126,
6.4600

■ 61.9197, 54.3664,
101.8380

Harmonies

Analogous

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



43.6482, 45.8856, 47.3610



43.1827, 45.8856, 47.6551



42.8347, 45.8856, 48.5639

Triad

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



43.1827, 45.8856, 47.6551



43.1221, 45.8856, 52.2373



44.5437, 45.8856, 50.0627

Complementary

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



43.1827, 45.8856, 47.6551



41.9990, 43.7352, 49.9466

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.



44.4004, 45.8856, 51.3860



43.1827, 45.8856, 47.6551



43.5776, 45.8856, 52.6557

Square

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



43.1827, 45.8856, 47.6551



42.7999, 45.8856, 51.2079



44.0459, 45.8856, 52.3414



44.4361, 45.8856, 48.7357

Rectangle

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



43.1827, 45.8856, 47.6551



42.7150, 45.8856, 49.4046



44.0459, 45.8856, 52.3414



44.5233, 45.8856, 50.5228

Sweetspot

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



43.1840, 45.8876, 47.6561



78.1698, 82.5429, 88.3456



42.6162, 44.4039, 47.3997



16.9009, 17.8429, 19.1150



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



43.1840, 45.8876, 47.6561



77.2027, 82.1204, 84.8622



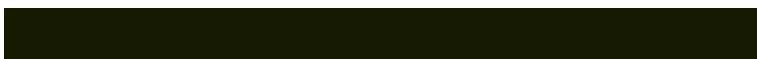
42.6074, 45.5904, 47.6291



9.3353, 9.9540, 10.1659



19.4622, 26.9432, 4.1748



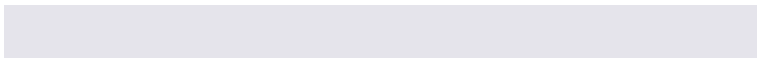
0.6548, 0.8696, 0.1333

Inverse Universe

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



41.9990, 43.7352, 49.9466



74.8653, 77.8748, 89.3801



42.5735, 44.0313, 49.9734



8.9903, 9.3273, 10.8328



6.3053, 2.5863, 30.3039



0.2449, 0.1054, 0.9557

Previews

White Background



This preview shows how the XYZ color 43.1827, 45.8856, 47.6551 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 43.1827, 45.8856, 47.6551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

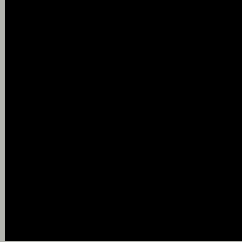
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

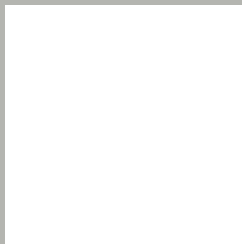
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1827, 45.8856, 47.6551

Background



This preview shows how black text looks on a background with the XYZ color 43.1827, 45.8856, 47.6551.



This preview shows how white text looks on a background with the XYZ color 43.1827, 45.8856,

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

43.1827, 45.8856, 47.6551

Protanopia

44.0667, 46.0519, 47.1238

Deuteranopia

46.6251, 45.5885, 47.9370



Tritanopia

45.0745, 45.7583, 56.9086

Trichromacy



Original Color

43.1827, 45.8856, 47.6551

Protanomaly

43.5876, 45.8049, 47.1014

Deuteranomaly

45.3962, 45.8251, 48.0475

Tritanomaly

44.3811, 45.7731, 53.5097

Monochromacy



Original Color

43.1827, 45.8856, 47.6551

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2803, 45.6005, 49.1685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1827, 45.8856, 47.6551 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, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(180, 181, 176)  
}
```

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, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 181, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.1827, 45.8856, 47.6551 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, 181, 176) }
```


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

```
.border{ border-color:rgb(180, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(180, 181,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1827, 45.8856, 47.6551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 181, 176) }
```

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

```
.background{ background-color: rgb(180,  
181, 176) }
```

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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