

Converting Colors

XYZ(43.0625, 45.6571, 47.6364)

Have a look what the booklet for
XYZ(43.0625, 45.6571, 47.6364)
contains.

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Color

**XYZ(42.9801, 45.4804,
47.5876)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B4B0
RGB	180, 180, 176
RGB Percent	71%, 71%, 69%
CMY	0.2941, 0.2941, 0.3098
CMYK	0.00, 0.00, 0.02, 0.29
HSL	60°, 3%, 70%
HSV	60°, 2%, 71%
XYZ	42.9801, 45.4804, 47.5876
YIQ	179.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

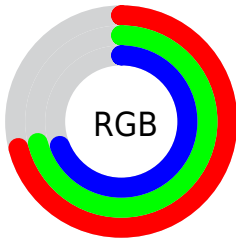
Format	Color
RYB	176, 180, 176
Decimal	11842736
CIELab	73.21, -0.74, 2.03
CIELCh	73, 2.157, 109.943
Yxy	45.4804, 0.3159, 0.3343
Android (android.graphics.Color)	4290032816 (0xFFB4B4B0)
YUV	179.5440, -1.7472, 0.3999
Hunter-Lab	67.4392, -4.2575, 5.3702

Details

The XYZ color **42.9801, 45.4804, 47.5876** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.6698, 43.5773, 49.3974**, and the grayscale version is **43.1478, 45.3948, 49.4349**.

A 20% lighter version of the original color is **79.1530, 83.6500, 88.3182**, and **19.9799, 21.1460, 22.0973** is the 20% darker color. If you saturate the color by 10%, you get **41.3128, 44.8145, 38.8208**, and if you desaturate by 10%, it is **44.8862, 46.2447, 57.6003**.

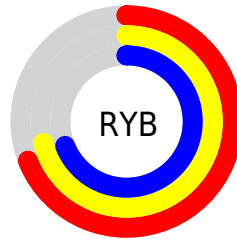
Distribution



Red (71%)

Green (71%)

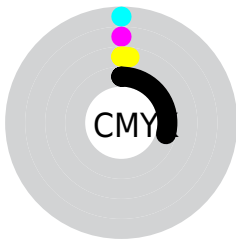
Blue (69%)



Red (69%)

Yellow (71%)

Blue (69%)

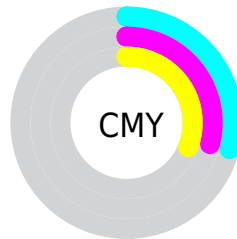


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9801, 45.4804, 47.5876 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 42.9801, 45.4804, 47.5876 by changing the saturation by 10% instead.

■ 42.9801, 45.4804,
47.5876

■ 42.9801, 45.4804,
47.5876

349.4528,
368.7157, 393.6166

■ 30.0640, 31.8360,
33.1427

■ 78.9367, 83.4408,
87.9492

■ 20.0355, 21.2363,
21.9638

102.7079,
108.5256, 114.7030

■ 12.5292, 13.2968,
13.6322

130.8282,
138.1927, 146.3970

■ 7.1799, 7.6332,
7.7295

163.6629,
172.8264, 183.4495

■ 3.6222, 3.8612,
3.8371

201.5773,
212.8112, 226.2792

■ 1.4907, 1.5962,
1.5364

244.9369,

■ 0.3195, 0.3550,

258.5314, 275.3046

0.2448

294.1069,
310.3715, 330.9442

■ 0.0000, 0.0000,
0.0000

■ 42.9801, 45.4804,
47.5876

■ 42.9801, 45.4804,
47.5876

■ 41.3128, 44.8145,
38.8208

■ 44.8862, 46.2447,
57.6003

■ 39.8712, 44.2375,
31.2484

■ 47.0359, 47.1050,
68.9019

■ 38.6469, 43.7473,
24.8195

■ 49.4389, 48.0666,
81.5369

■ 37.6291, 43.3398,
19.4787

■ 52.1029, 49.1326,
95.5469

■ 36.8065, 43.0103,
15.1658

■ 53.2127, 49.5770,
101.3724

■ 36.1666, 42.7540,
11.8148

■ 53.2163, 49.5788,
101.3726

■ 35.6953, 42.5650,
9.3519

■ 53.2199, 49.5807,
101.3728

■ 35.3767, 42.4372,
7.6930

■ 53.2235, 49.5825,
101.3729

■ 35.1917, 42.3628,
6.7374

■ 53.2271, 49.5844,
101.3731

Harmonies

Analogous

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



43.3549, 45.4804, 47.4972



42.9801, 45.4804, 47.5876



42.6733, 45.4804, 48.1917

Triad

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



42.9801, 45.4804, 47.5876



42.7613, 45.4804, 51.1323



43.9480, 45.4804, 49.8852

Complementary

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



42.9801, 45.4804, 47.5876



41.6698, 43.5773, 49.3974

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.



43.7870, 45.4804, 50.8734



42.9801, 45.4804, 47.5876



43.1008, 45.4804, 51.6003

Square

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



42.9801, 45.4804, 47.5876



42.5475, 45.4804, 50.2345



43.4764, 45.4804, 51.5049



43.9152, 45.4804, 48.8132

Rectangle

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



42.9801, 45.4804, 47.5876



42.5480, 45.4804, 48.8093



43.4764, 45.4804, 51.5049



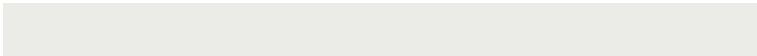
43.9147, 45.4804, 50.2384

Sweetspot

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



42.9814, 45.4824, 47.5886



78.3239, 82.6223, 88.3528



42.1856, 43.8897, 47.3231



16.9324, 17.8592, 19.1165



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.



42.9814, 45.4824, 47.5886



77.6638, 82.3581, 84.8838



42.5195, 45.2443, 47.5670



9.4036, 9.9893, 10.1691



24.5034, 29.5420, 4.4107



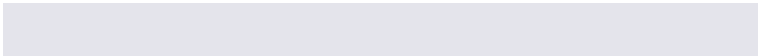
0.7712, 0.9296, 0.1388

Inverse Universe

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



41.6698, 43.5773, 49.3974



74.4187, 77.6446, 89.3592



42.1250, 43.8120, 49.4187



8.9246, 9.2935, 10.8298



5.7514, 2.3008, 30.2779



0.1812, 0.0725, 0.9527

Previews

White Background



This preview shows how the XYZ color 42.9801, 45.4804, 47.5876 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 42.9801, 45.4804, 47.5876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

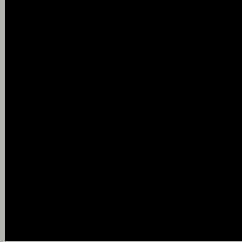
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

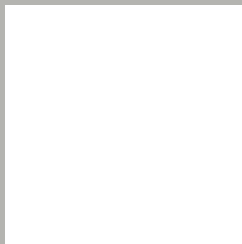
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9801, 45.4804, 47.5876

Background



This preview shows how black text looks on a background with the XYZ color 42.9801, 45.4804, 47.5876.



This preview shows how white text looks on a background with the XYZ color 42.9801, 45.4804,

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

42.9801, 45.4804, 47.5876

Protanopia

43.6251, 45.5257, 47.0455

Deuteranopia

46.3606, 45.4522, 47.9247



Tritanopia

44.7262, 45.5916, 56.3119

Trichromacy



Original Color

42.9801, 45.4804, 47.5876

Protanomaly

43.3864, 45.4026, 47.0343

Deuteranomaly

44.9470, 45.3014, 47.9700

Tritanomaly

44.0391, 45.6091, 52.9367

Monochromacy



Original Color

42.9801, 45.4804, 47.5876

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 42.9801, 45.4804, 47.5876 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, 180, 176)` looks like.

```
.text, #text, p{  
    color:rgb(180, 180, 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, 180, 176) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 42.9801, 45.4804, 47.5876 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, 180, 176) }
```


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

```
.border{ border-color:rgb(180, 180, 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, 180, 176)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 42.9801, 45.4804, 47.5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(180,  
180, 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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