

Converting Colors

XYZ(45.0121, 47.5130, 47.8076)

Have a look what the booklet for
XYZ(45.0121, 47.5130, 47.8076)
contains.

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Color

**XYZ(45.0197, 47.4407,
47.8585)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB7B0
RGB	186, 183, 176
RGB Percent	73%, 72%, 69%
CMY	0.2706, 0.2823, 0.3098
CMYK	0.00, 0.02, 0.05, 0.27
HSL	42°, 7%, 71%
HSV	42°, 5%, 73%
XYZ	45.0197, 47.4407, 47.8585
YIQ	183.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

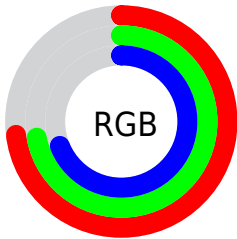
Format	Color
RYB	180, 186, 176
Decimal	12236720
CIELab	74.47, -0.21, 3.92
CIELCh	74, 3.924, 93.002
Yxy	47.4407, 0.3208, 0.3381
Android (android.graphics.Color)	4290426800 (0xFFBAB7B0)
YUV	183.0990, -3.4998, 2.5442
Hunter-Lab	68.8772, -3.8635, 7.0171

Details

The XYZ color **45.0197, 47.4407, 47.8585** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.8875, 45.0149, 52.8833**, and the grayscale version is **45.0822, 47.4300, 51.6513**.

A 20% lighter version of the original color is **82.0499, 86.4364, 88.7033**, and **21.2936, 22.4070, 22.2715** is the 20% darker color. If you saturate the color by 10%, you get **42.1775, 44.5021, 38.4450**, and if you desaturate by 10%, it is **48.1623, 50.5754, 58.6174**.

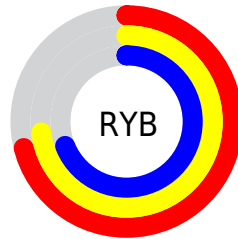
Distribution



Red (73%)

Green (72%)

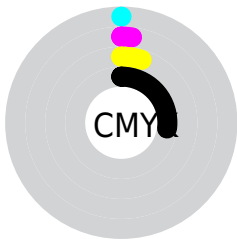
Blue (69%)



Red (71%)

Yellow (73%)

Blue (69%)

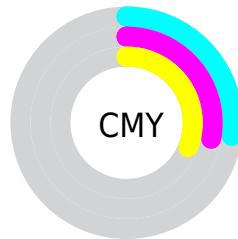


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0197, 47.4407, 47.8585 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 45.0197, 47.4407, 47.8585 by changing the saturation by 10% instead.

■ 45.0197, 47.4407,
47.8585

■ 45.0197, 47.4407,
47.8585

357.6357,
376.5709, 394.7235

■ 31.6743, 33.3842,
33.3556

■ 81.9869, 86.3711,
88.3570

■ 21.2672, 22.4209,
22.1257

106.3393,
112.0137, 115.1898

■ 13.4330, 14.1665,
13.7501

135.0915,
142.2872, 146.9696

■ 7.8064, 8.2366,
7.8103

168.6087,
177.5759, 184.1151

■ 4.0221, 4.2467,
3.8878

207.2564,
218.2642, 227.0446

■ 1.7146, 1.8125,
1.5640

251.3999,

■ 0.4654, 0.4949,

264.7366, 276.1768

0.2649

301.4046,
317.3773, 331.9303

■ 0.0000, 0.0000,
0.0000

■ 45.0197, 47.4407,
47.8585

■ 45.0197, 47.4407,
47.8585

■ 42.1775, 44.5021,
38.4450

■ 48.1623, 50.5754,
58.6174

■ 39.6210, 41.7482,
30.3200

■ 51.6115, 53.9049,
70.7695

■ 37.3402, 39.1758,
23.4270

■ 55.3781, 57.4358,
84.3638

■ 35.3227, 36.7791,
17.7042

■ 59.4714, 61.1727,
99.4462

■ 33.5553, 34.5518,
13.0844

■ 61.5627, 64.1848,
103.7519

■ 32.0235, 32.4873,
9.4933

■ 62.9705, 67.0003,
104.2212

■ 30.7107, 30.5780,
6.8477

■ 64.4267, 69.9127,
104.7066

■ 29.5983, 28.8156,
5.0511

■ 65.9319, 72.9231,
105.2083

■ 28.6629, 27.1897,
3.9844

■ 67.4865, 76.0323,
105.7265

Harmonies

Analogous

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



45.7118, 47.4407, 48.2583



45.0197, 47.4407, 47.8585



44.3535, 47.4407, 48.4537

Triad

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



45.0197, 47.4407, 47.8585



43.9589, 47.4407, 53.8076



46.3148, 47.4407, 53.4450

Complementary

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



45.0197, 47.4407, 47.8585



42.8875, 45.0149, 52.8833

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.



45.8365, 47.4407, 54.9940



45.0197, 47.4407, 47.8585



44.4758, 47.4407, 55.2072

Square

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



45.0197, 47.4407, 47.8585



43.7451, 47.4407, 51.8593



45.1623, 47.4407, 55.6468



46.4641, 47.4407, 51.4509

Rectangle

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



45.0197, 47.4407, 47.8585



44.0124, 47.4407, 49.3440



45.1623, 47.4407, 55.6468



46.1870, 47.4407, 54.0367

Sweetspot

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



45.0210, 47.4428, 47.8595



83.4447, 87.8508, 92.9902



43.9124, 44.7452, 48.9708



18.3887, 19.3590, 20.5215



90.7827, 95.5105, 104.0109



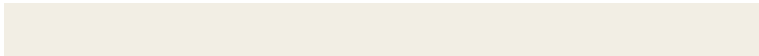
18.6292, 19.5994, 21.3438

Same Dimension

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



45.0210, 47.4428, 47.8595



81.2117, 85.5948, 85.4326



45.1632, 48.4434, 48.0452



9.6938, 10.2180, 10.1338



19.0854, 17.9471, 2.4582



0.7242, 0.7354, 0.1038

Inverse Universe

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



42.8875, 45.0149, 52.8833



76.8456, 80.6262, 95.7136



42.7491, 44.0616, 52.7066



9.1359, 9.5831, 11.4476



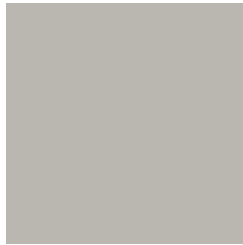
6.9638, 4.3872, 31.7329



0.3014, 0.2665, 1.1373

Previews

White Background



This preview shows how the XYZ color 45.0197, 47.4407, 47.8585 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 45.0197, 47.4407, 47.8585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

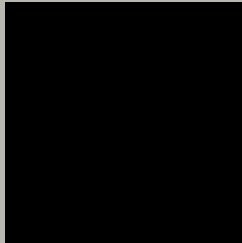
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.0197, 47.4407, 47.8585

Background



This preview shows how black text looks on a background with the XYZ color 45.0197, 47.4407, 47.8585.

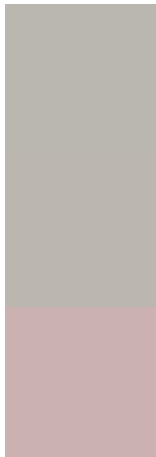


This preview shows how white text looks on a background with the XYZ color 45.0197, 47.4407,

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

45.0197, 47.4407, 47.8585

Protanopia

45.3035, 47.2819, 47.8129

Deuteranopia

48.2866, 47.3151, 48.1827



Tritanopia

47.0451, 47.3564, 57.7001

Trichromacy



Original Color

45.0197, 47.4407, 47.8585

Protanomaly

45.0579, 47.1553, 47.8014

Deuteranomaly

47.0819, 47.2848, 48.2404

Tritanomaly

46.2326, 47.3270, 53.7120

Monochromacy



Original Color

45.0197, 47.4407, 47.8585

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.9389, 47.3526, 49.9515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0197, 47.4407, 47.8585 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(186, 183, 176)` looks like.

```
.text, #text, p{  
    color:rgb(186, 183, 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(186, 183, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 183, 176) }
```

Border

The CSS property to change the border of an element to XYZ 45.0197, 47.4407, 47.8585 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(186, 183, 176) }
```


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

```
.border{ border-color:rgb(186, 183, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 183, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 183, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 183, 176);  
box-shadow:4px 4px 4px 4px rgb(186, 183,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0197, 47.4407, 47.8585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 183, 176) }
```

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

```
.background{ background-color: rgb(186,  
183, 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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