

Converting Colors

XYZ(45.1546, 47.1581, 51.1226)

Have a look what the booklet for
XYZ(45.1546, 47.1581, 51.1226)
contains.

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Color

**XYZ(45.1790, 47.1476,
50.9752)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B6B6
RGB	185, 182, 182
RGB Percent	73%, 71%, 71%
CMY	0.2745, 0.2863, 0.2863
CMYK	0.00, 0.02, 0.02, 0.27
HSL	0°, 2%, 72%
HSV	0°, 2%, 73%
XYZ	45.1790, 47.1476, 50.9752
YIQ	182.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

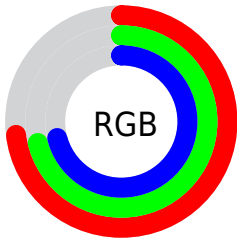
Format	Color
R_{YB}	185, 182, 182
Decimal	12170934
CIE Lab	74.28, 1.06, 0.37
CIE LCh	74, 1.120, 19.040
Yxy	47.1476, 0.3153, 0.3290
Android (android.graphics.Color)	4290361014 (0xFFB9B6B6)
YUV	182.8970, -0.4422, 1.8443
Hunter-Lab	68.6641, -2.7144, 4.0489

Details

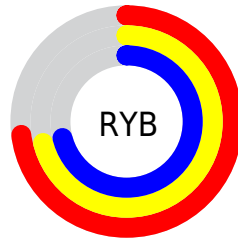
The XYZ color **45.1790, 47.1476, 50.9752** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3973, 48.1450, 52.7997**, and the grayscale version is **44.9561, 47.2973, 51.5068**.

A 20% lighter version of the original color is **82.2828, 86.0229, 93.1562**, and **21.3284, 22.1910, 23.9280** is the 20% darker color. If you saturate the color by 10%, you get **39.8542, 39.3578, 40.3825**, and if you desaturate by 10%, it is **51.2586, 56.0414, 63.0668**.

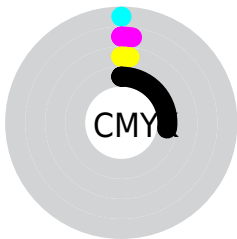
Distribution



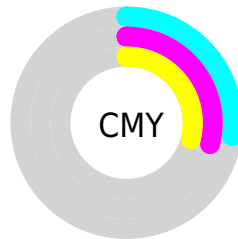
- Red (73%)
- Green (71%)
- Blue (71%)



- Red (73%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1790, 47.1476, 50.9752 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 45.1790, 47.1476, 50.9752 by changing the saturation by 10% instead.

■ 45.1790, 47.1476,
50.9752

■ 45.1790, 47.1476,
50.9752

358.2695,
375.4034, 407.3112

■ 31.8003, 33.1524,
35.8123

■ 82.2244, 85.9339,
93.0292

■ 21.3638, 22.2432,
24.0007

106.6218,
111.4937, 120.7574

■ 13.5042, 14.0357,
15.1219

135.4228,
141.6772, 153.5112

■ 7.8560, 8.1455,
8.7574

168.9928,
176.8688, 191.7089

■ 4.0540, 4.1882,
4.4887

207.6971,
217.4528, 235.7693

■ 1.7327, 1.7794,
1.8971

251.9011,

■ 0.4766, 0.4743,

263.8136, 286.1107

0.4909

301.9701,
316.3357, 343.1519

■ 0.0000, 0.0000,
0.0000

■ 45.1790, 47.1476,
50.9752

■ 45.1790, 47.1476,
50.9752

■ 39.8542, 39.3578,
40.3825

■ 51.2586, 56.0414,
63.0668

■ 35.2509, 32.6232,
31.2275

■ 58.1165, 66.0736,
76.7093

■ 31.3394, 26.9002,
23.4491

■ 65.7804, 77.2845,
91.9559

■ 28.0861, 22.1401,
16.9808

■ 73.8178, 89.0544,
107.9063

■ 25.4550, 18.2899,
11.7505

■ 23.4063, 15.2916,
7.6793

■ 21.8959, 13.0808,
4.6790

■ 20.8733, 11.5834,
2.6491

■ 20.2783, 10.7116,
1.4696

Harmonies

Analogous

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



45.1932, 47.1476, 51.5466



45.1790, 47.1476, 50.9752



45.0664, 47.1476, 50.5037

Triad

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



45.1790, 47.1476, 50.9752



44.5209, 47.1476, 50.6130



44.7389, 47.1476, 52.4309

Complementary

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



45.1790, 47.1476, 50.9752



45.3973, 48.1450, 52.7997

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.



44.5593, 47.1476, 52.1768



45.1790, 47.1476, 50.9752



44.4337, 47.1476, 51.1254

Square

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



45.1790, 47.1476, 50.9752



44.6863, 47.1476, 50.2957



44.4477, 47.1476, 51.6979



44.9387, 47.1476, 52.3900

Rectangle

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



45.1790, 47.1476, 50.9752



44.9509, 47.1476, 50.3082



44.4477, 47.1476, 51.6979



44.6742, 47.1476, 52.3771

Sweetspot

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



45.1803, 47.1496, 50.9762



82.5889, 86.8899, 94.6231



45.4931, 47.2737, 52.6264



17.8044, 18.7317, 20.3988



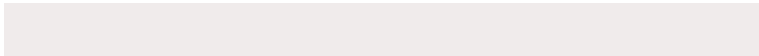
88.6918, 93.3107, 101.6153

Same Dimension

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



45.1803, 47.1496, 50.9762



80.4981, 83.8313, 90.4644



45.4885, 47.7659, 51.0789



9.8909, 10.3092, 11.1334



13.6252, 7.0268, 0.6382



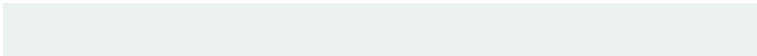
0.4806, 0.2482, 0.0226

Inverse Universe

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



45.3973, 48.1450, 52.7997



80.9839, 86.0603, 94.5476



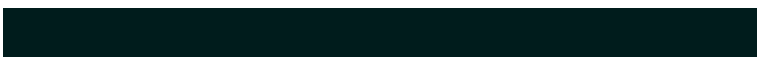
45.0858, 47.5221, 52.6959



9.9457, 10.5604, 11.5936



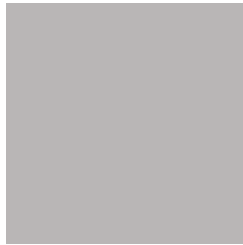
17.7477, 25.9550, 35.3275



0.6259, 0.9155, 1.2455

Previews

White Background



This preview shows how the XYZ color 45.1790, 47.1476, 50.9752 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 45.1790, 47.1476, 50.9752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

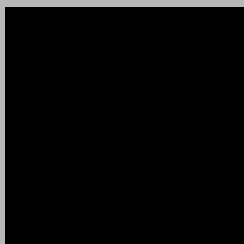
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

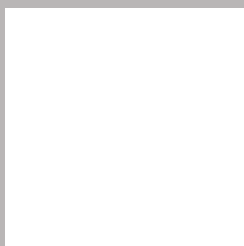
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1790, 47.1476, 50.9752

Background



This preview shows how black text looks on a background with the XYZ color 45.1790, 47.1476, 50.9752.

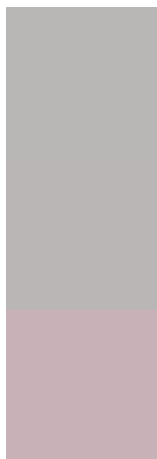


This preview shows how white text looks on a background with the XYZ color 45.1790, 47.1476,

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

45.1790, 47.1476, 50.9752

Protanopia

45.4211, 47.2724, 50.9865

Deuteranopia

48.0888, 47.1425, 51.3646



Tritanopia

46.5524, 47.1024, 57.6770

Trichromacy



Original Color

45.1790, 47.1476, 50.9752

Protanomaly

45.4211, 47.2724, 50.9865

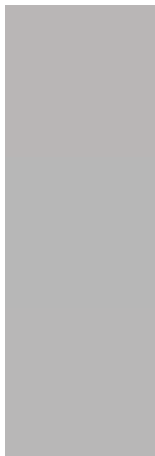
Deuteranomaly

47.1730, 47.2612, 51.4358

Tritanomaly

46.0678, 47.2046, 55.3986

Monochromacy



Original Color

45.1790, 47.1476, 50.9752

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.2479, 47.4762, 51.5788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1790, 47.1476, 50.9752 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(185, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(185, 182, 182)  
}
```

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(185, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 182, 182) }
```

Border

The CSS property to change the border of an element to XYZ 45.1790, 47.1476, 50.9752 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(185, 182, 182) }
```

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

```
.border{ border-color:rgb(185, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(185, 182,  
182) }
```


Background

The CSS property to change the background color of an element to XYZ 45.1790, 47.1476, 50.9752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 182, 182) }
```

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

```
.background{ background-color: rgb(185,  
182, 182) }
```

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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