

Converting Colors

XYZ(45.0833, 47.3186, 50.0338)

Have a look what the booklet for
XYZ(45.0833, 47.3186, 50.0338)
contains.

XYZ(45.1793, 47.4765, 49.9627)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.1793, 47.4765,
49.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B7B4
RGB	185, 183, 180
RGB Percent	73%, 72%, 71%
CMY	0.2745, 0.2823, 0.2941
CMYK	0.00, 0.01, 0.03, 0.27
HSL	36°, 3%, 72%
HSV	36°, 3%, 73%
XYZ	45.1793, 47.4765, 49.9627
YIQ	183.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

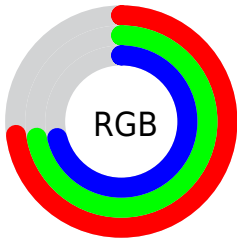
Format	Color
RYB	183, 185, 180
Decimal	12171188
CIELab	74.49, 0.16, 1.76
CIELCh	74, 1.768, 84.925
Yxy	47.4765, 0.3168, 0.3329
Android (android.graphics.Color)	4290361268 (0xFFB9B7B4)
YUV	183.2560, -1.6052, 1.5295
Hunter-Lab	68.9032, -3.5395, 5.2402

Details

The XYZ color **45.1793, 47.4765, 49.9627** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3074, 46.6615, 52.5710**, and the grayscale version is **45.1590, 47.5108, 51.7393**.

A 20% lighter version of the original color is **82.2825, 86.4899, 91.7144**, and **21.3291, 22.4031, 23.2787** is the 20% darker color. If you saturate the color by 10%, you get **41.9353, 43.8054, 40.1955**, and if you desaturate by 10%, it is **48.7576, 51.4123, 61.0836**.

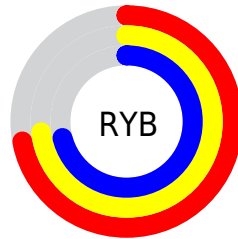
Distribution



Red (73%)

Green (72%)

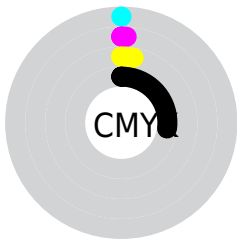
Blue (71%)



Red (72%)

Yellow (73%)

Blue (71%)

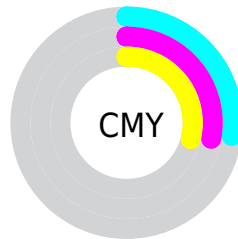


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1793, 47.4765, 49.9627 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 45.1793, 47.4765, 49.9627 by changing the saturation by 10% instead.

■ 45.1793, 47.4765,
49.9627

■ 45.1793, 47.4765,
49.9627

358.2707,
376.7133, 403.2509

■ 31.8006, 33.4125,
35.0128

■ 82.2248, 86.4245,
91.5153

■ 21.3640, 22.4426,
23.3891

106.6223,
112.0772, 118.9552

■ 13.5043, 14.1825,
14.6731

135.4234,
142.3617, 151.3954

■ 7.8561, 8.2477,
8.4462

168.9935,
177.6622, 189.2545

■ 4.0540, 4.2539,
4.2899

207.6979,
218.3633, 232.9510

■ 1.7328, 1.8166,
1.7857

251.9020,

■ 0.4766, 0.4975,

264.8492, 282.9036

0.4185

301.9712,
317.5044, 339.5307

■ 0.0000, 0.0000,
0.0000

■ 45.1793, 47.4765,
49.9627

■ 45.1793, 47.4765,
49.9627

■ 41.9353, 43.8054,
40.1955

■ 48.7576, 51.4123,
61.0836

■ 39.0104, 40.3866,
31.7264

■ 52.6768, 55.6129,
73.6047

■ 36.3943, 37.2154,
24.5004

■ 56.9482, 60.0862,
87.5742

■ 34.0743, 34.2847,
18.4576

■ 61.5813, 64.8378,
103.0367

■ 32.0368, 31.5870,
13.5328

■ 63.6377, 68.6940,
104.5130

■ 30.2671, 29.1142,
9.6547

■ 65.6195, 72.6576,
105.1735

■ 28.7487, 26.8575,
6.7433

■ 67.6881, 76.7948,
105.8631

■ 27.4629, 24.8072,
4.7073

■ 69.8445, 81.1076,
106.5819

■ 26.3875, 22.9521,
3.4373

■ 72.0898, 85.5982,
107.3303

Harmonies

Analogous

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



45.4786, 47.4765, 50.2686



45.1793, 47.4765, 49.9627



44.8668, 47.4765, 50.1162

Triad

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



45.1793, 47.4765, 49.9627



44.5707, 47.4765, 52.4381



45.6291, 47.4765, 52.7105

Complementary

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



45.1793, 47.4765, 49.9627



44.3074, 46.6615, 52.5710

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.



45.3841, 47.4765, 53.3043



45.1793, 47.4765, 49.9627



44.7732, 47.4765, 53.1457

Square

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



45.1793, 47.4765, 49.9627



44.5164, 47.4765, 51.5385



45.0707, 47.4765, 53.4645



45.7391, 47.4765, 51.8495

Rectangle

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



45.1793, 47.4765, 49.9627



44.6930, 47.4765, 50.4593



45.0707, 47.4765, 53.4645



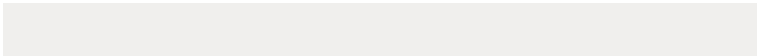
45.5598, 47.4765, 52.9484

Sweetspot

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



45.1806, 47.4786, 49.9637



81.9550, 86.1874, 92.6694



44.7731, 46.3350, 50.8404



17.6749, 18.5881, 19.9995



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



45.1806, 47.4786, 49.9637



80.7057, 84.7967, 88.8373



45.4751, 48.2462, 50.0964



9.8448, 10.3404, 10.7374



17.5750, 14.9264, 1.9548



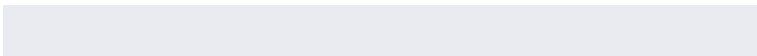
0.6783, 0.6437, 0.0885

Inverse Universe

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



44.3074, 46.6615, 52.5710



78.9454, 83.1497, 94.0932



44.0179, 45.9095, 52.4411



9.5817, 10.0943, 11.5228



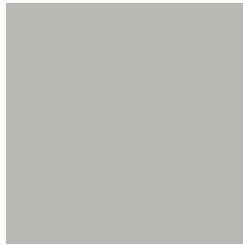
7.6922, 5.8441, 31.9757



0.3322, 0.3281, 1.1476

Previews

White Background



This preview shows how the XYZ color 45.1793, 47.4765, 49.9627 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 45.1793, 47.4765, 49.9627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

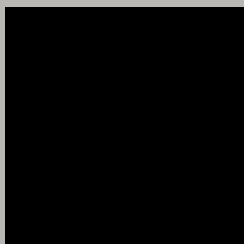
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

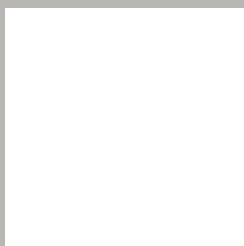
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1793, 47.4765, 49.9627

Background



This preview shows how black text looks on a background with the XYZ color 45.1793, 47.4765, 49.9627.

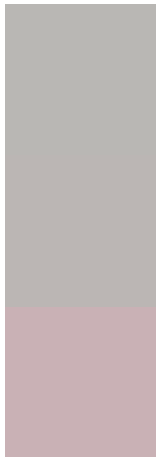


This preview shows how white text looks on a background with the XYZ color 45.1793, 47.4765,

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

45.1793, 47.4765, 49.9627

Protanopia

45.4597, 47.3160, 49.9169

Deuteranopia

48.1500, 47.1980, 50.2884



Tritanopia

46.8677, 47.5527, 58.3381

Trichromacy



Original Color

45.1793, 47.4765, 49.9627

Protanomaly

45.2159, 47.1903, 49.9055

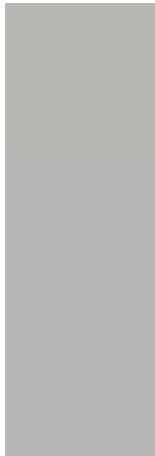
Deuteranomaly

46.9663, 47.1785, 50.3470

Tritanomaly

46.2719, 47.6127, 55.4666

Monochromacy



Original Color

45.1793, 47.4765, 49.9627

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.1441, 47.4347, 51.0324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1793, 47.4765, 49.9627 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, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(185, 183, 180)  
}
```

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, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 183, 180) }
```

Border

The CSS property to change the border of an element to XYZ 45.1793, 47.4765, 49.9627 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, 183, 180) }
```


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

```
.border{ border-color:rgb(185, 183, 180) }
```

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

Here you see how a box with a 4 pixel rgb(185, 183, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(185, 183,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1793, 47.4765, 49.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 183, 180) }
```

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

```
.background{ background-color: rgb(185,  
183, 180) }
```

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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