

Converting Colors

XYZ(45.1854, 48.0044, 33.5915)

Have a look what the booklet for
XYZ(45.1854, 48.0044, 33.5915)
contains.

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Color

**XYZ(45.2773, 48.1956,
33.7044)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B891
RGB	197, 184, 145
RGB Percent	77%, 72%, 57%
CMY	0.2274, 0.2784, 0.4314
CMYK	0.00, 0.07, 0.26, 0.23
HSL	45°, 31%, 67%
HSV	45°, 26%, 77%
XYZ	45.2773, 48.1956, 33.7044
YIQ	183.4410, 20.2670, -9.3730

Conversions

Conversions Part 2

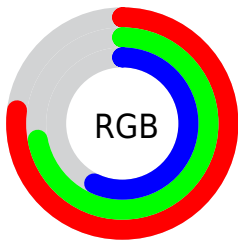
Format	Color
R_{YB}	162, 197, 145
Decimal	12957841
CIE _{Lab}	74.95, -1.52, 21.52
CIE _{LCh}	75, 21.569, 94.044
Yxy	48.1956, 0.3560, 0.3790
Android (android.graphics.Color)	4291147921 (0xFFC5B891)
YUV	183.4410, -18.9514, 11.8912
Hunter-Lab	69.4231, -5.0737, 19.8113

Details

The XYZ color **45.2773, 48.1956, 33.7044** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.9818, 34.5039, 57.6925**, and the grayscale version is **45.3461, 47.7076, 51.9536**.

A 20% lighter version of the original color is **82.3419, 87.5145, 66.5849**, and **21.4644, 22.8804, 13.8747** is the 20% darker color. If you saturate the color by 10%, you get **42.8835, 45.6316, 26.0508**, and if you desaturate by 10%, it is **47.9727, 50.9405, 42.7592**.

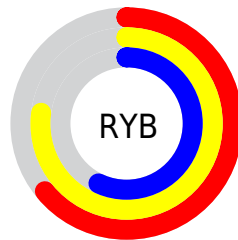
Distribution



Red (77%)

Green (72%)

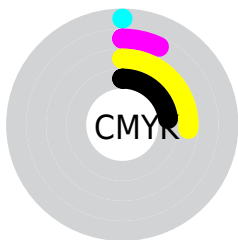
Blue (57%)



Red (64%)

Yellow (77%)

Blue (57%)

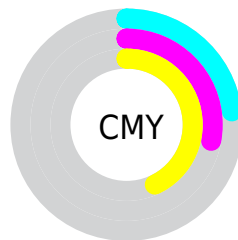


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (23%)



Cyan (23%)


Magenta (28%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2773, 48.1956, 33.7044 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 45.2773, 48.1956, 33.7044 by changing the saturation by 10% instead.

 45.2773, 48.1956,
33.7044


 45.2773, 48.1956,
33.7044


358.6603,
379.5669, 333.5408

 31.8781, 33.9818,
22.3911


 82.3709, 87.4956,
66.6024

 21.4235, 22.8796,
13.9435


 106.7960,
113.3505, 89.0241

 13.5481, 14.5046,
7.9431


135.6271,
143.8547, 115.9857

 7.8867, 8.4725,
3.9713

169.2296,
179.3924, 147.9057

 4.0737, 4.3987,
1.6096

207.9688,
220.3481, 185.2027

 1.7439, 1.8990,
0.2977

252.2101,

 0.4835, 0.5478,

267.1061, 228.2952

0.0000

302.3188,
320.0509, 277.6017

■ 0.0000, 0.0000,
0.0000

■ 45.2773, 48.1956,
33.7044

■ 45.2773, 48.1956,
33.7044

■ 42.8835, 45.6316,
26.0508

■ 47.9727, 50.9405,
42.7592

■ 40.7735, 43.2359,
19.7237

■ 50.9788, 53.8656,
53.2788

■ 38.9335, 41.0040,
14.6459

■ 54.3091, 56.9784,
65.3263

■ 37.3466, 38.9285,
10.7310

■ 57.9751, 60.2841,
78.9606

■ 35.9941, 37.0014,
7.8818

■ 61.9875, 63.7875,
94.2371

■ 34.8540, 35.2133,
5.9848

■ 65.0078, 66.9538,
104.1048

■ 33.8982, 33.5524,
4.8935

■ 66.2693, 69.4768,
104.5253

■ 33.5793, 32.9769,
4.5953

■ 67.5687, 72.0757,
104.9585

■ 68.9065, 74.7512,
105.4044

Harmonies

Analogous

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



49.1982, 48.1956, 35.3153



45.2773, 48.1956, 33.7044



41.7046, 48.1956, 36.5011

Triad

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



45.2773, 48.1956, 33.7044



39.8245, 48.1956, 65.5572



52.9488, 48.1956, 62.5366

Complementary

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



45.2773, 48.1956, 33.7044



33.9818, 34.5039, 57.6925

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.



50.1732, 48.1956, 72.5427



45.2773, 48.1956, 33.7044



42.5782, 48.1956, 74.4544

Square

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



45.2773, 48.1956, 33.7044



38.6725, 48.1956, 54.0188



46.3438, 48.1956, 77.1768



53.7723, 48.1956, 50.9644

Rectangle

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



45.2773, 48.1956, 33.7044



39.9565, 48.1956, 40.7613



46.3438, 48.1956, 77.1768



52.2056, 48.1956, 66.2461

Sweetspot

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



45.2785, 48.1978, 33.7054



90.3327, 95.5451, 91.9756



39.3234, 34.5904, 36.9524



19.1542, 20.2766, 19.0486



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



45.2785, 48.1978, 33.7054



78.4174, 83.4842, 51.7194



44.8447, 52.1675, 34.4945



11.2908, 11.9507, 11.2744



22.1556, 21.8284, 3.0456



1.1040, 1.1434, 0.1625

Inverse Universe

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



33.9818, 34.5039, 57.6925



54.6180, 54.6416, 102.2760



34.3046, 31.5518, 57.1057



10.2685, 10.7110, 13.4437



7.4144, 4.2227, 35.1686



0.4107, 0.3192, 1.6851

Previews

White Background



This preview shows how the XYZ color 45.2773, 48.1956, 33.7044 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 45.2773, 48.1956, 33.7044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

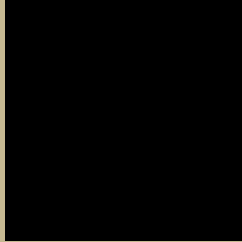
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2773, 48.1956, 33.7044

Background



This preview shows how black text looks on a background with the XYZ color 45.2773, 48.1956, 33.7044.



This preview shows how white text looks on a background with the XYZ color 45.2773, 48.1956,

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

45.2773, 48.1956, 33.7044

Protanopia

45.0163, 48.0611, 33.6922

Deuteranopia

48.9348, 47.9667, 33.8735



Tritanopia

50.0634, 48.3431, 56.5617

Trichromacy



Original Color

45.2773, 48.1956, 33.7044

Protanomaly

45.0163, 48.0611, 33.6922

Deuteranomaly

47.5220, 48.1277, 33.9790

Tritanomaly

48.1465, 48.1552, 47.3147

Monochromacy



Original Color

45.2773, 48.1956, 33.7044

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.8340, 47.4229, 44.3267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2773, 48.1956, 33.7044 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(197, 184, 145)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 145)  
}
```

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(197, 184, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 145) }
```

Border

The CSS property to change the border of an element to XYZ 45.2773, 48.1956, 33.7044 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(197, 184, 145) }
```


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

```
.border{ border-color:rgb(197, 184, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 145);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2773, 48.1956, 33.7044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 145) }
```

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

```
.background{ background-color: rgb(197,  
184, 145) }
```

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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