

Converting Colors

XYZ(44.6058, 45.4285, 38.1564)

Have a look what the booklet for
XYZ(44.6058, 45.4285, 38.1564)
contains.

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Color

**XYZ(44.6371, 45.3553,
38.3001)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B09D
RGB	197, 176, 157
RGB Percent	77%, 69%, 62%
CMY	0.2274, 0.3098, 0.3843
CMYK	0.00, 0.11, 0.20, 0.23
HSL	29°, 26%, 69%
HSV	29°, 20%, 77%
XYZ	44.6371, 45.3553, 38.3001
YIQ	180.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

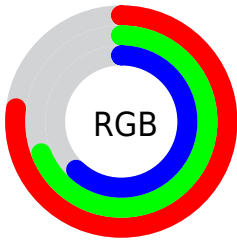
Format	Color
RYB	197, 193, 157
Decimal	12955805
CIELab	73.13, 4.49, 12.48
CIElCh	73, 13.265, 70.229
Yxy	45.3553, 0.3479, 0.3535
Android (android.graphics.Color)	4291145885 (0xFFC5B09D)
YUV	180.1130, -11.3947, 14.8099
Hunter-Lab	67.3463, 0.4535, 13.4240

Details

The XYZ color **44.6371, 45.3553, 38.3001** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.9028, 43.0391, 59.0279**, and the grayscale version is **43.4964, 45.7616, 49.8343**.

A 20% lighter version of the original color is **81.6133, 83.5375, 74.1102**, and **21.1369, 21.2956, 16.6321** is the 20% darker color. If you saturate the color by 10%, you get **41.1384, 40.8357, 29.4943**, and if you desaturate by 10%, it is **48.5640, 50.2964, 48.5877**.

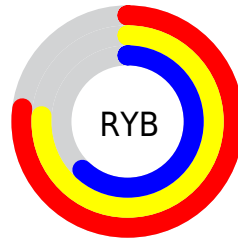
Distribution



Red (77%)

Green (69%)

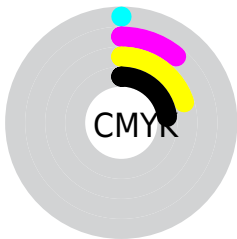
Blue (62%)



Red (77%)

Yellow (76%)

Blue (62%)

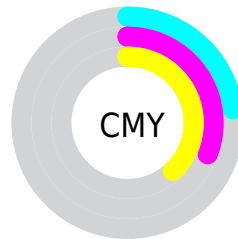


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6371, 45.3553, 38.3001 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 44.6371, 45.3553, 38.3001 by changing the saturation by 10% instead.


 44.6371, 45.3553,
38.3001


 44.6371, 45.3553,
38.3001


356.1103,
368.2106, 354.2423

 31.3717, 31.7374,
25.9121


 81.4160, 83.2533,
73.7764

 21.0353, 21.1610,
16.5327

 105.6602,
108.3022, 97.7017

 13.2624, 13.2417,
9.7434


134.2948,
137.9302, 126.3099

 7.6877, 7.5952,
5.1258

167.6851,
172.5217, 160.0195

 3.9459, 3.8370,
2.2612

206.1964,
212.4611, 199.2489

 1.6716, 1.5828,
0.7094

250.1942,

 0.4384, 0.3460,

258.1328, 244.4169

0.0000

300.0437,
309.9212, 295.9418

■ 0.0000, 0.0000,
0.0000

■ 44.6371, 45.3553,
38.3001

■ 44.6371, 45.3553,
38.3001

■ 41.1384, 40.8357,
29.4943

■ 48.5640, 50.2964,
48.5877

■ 38.0477, 36.7195,
22.0978

■ 52.9307, 55.6643,
60.4190

■ 35.3489, 32.9960,
16.0366

■ 57.7532, 61.4721,
73.8560

■ 33.0226, 29.6517,
11.2285

■ 63.0452, 67.7303,
88.9562

■ 31.0482, 26.6721,
7.5820

■ 68.7392, 74.4166,
105.3486

■ 29.4020, 24.0414,
4.9930

■ 71.6648, 80.2677,
106.3238

■ 28.0567, 21.7422,
3.3385

■ 74.7633, 86.4647,
107.3567

■ 26.9928, 19.8039,
2.3998

■ 76.8361, 90.6104,
108.0476

Harmonies

Analogous

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



46.6089, 45.3553, 41.5763



44.6371, 45.3553, 38.3001



42.3207, 45.3553, 37.8372

Triad

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



44.6371, 45.3553, 38.3001



38.8618, 45.3553, 51.6904



46.0578, 45.3553, 59.8060

Complementary

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



44.6371, 45.3553, 38.3001



39.9028, 43.0391, 59.0279

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.



43.9068, 45.3553, 63.0696



44.6371, 45.3553, 38.3001



39.7886, 45.3553, 58.1132

Square

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



44.6371, 45.3553, 38.3001



39.0415, 45.3553, 45.1832



41.6159, 45.3553, 62.4237



47.4493, 45.3553, 53.8378

Rectangle

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



44.6371, 45.3553, 38.3001



40.8994, 45.3553, 39.1378



41.6159, 45.3553, 62.4237



45.3964, 45.3553, 61.2790

Sweetspot

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



44.6383, 45.3573, 38.3011



90.1749, 94.0360, 95.6026



43.1528, 39.2126, 47.5901



19.1914, 19.9924, 20.1667



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.



44.6383, 45.3573, 38.3011



77.3097, 77.8552, 61.8741



48.7770, 53.6347, 39.6806



11.0425, 11.4542, 11.1916



17.8368, 13.1907, 1.6060



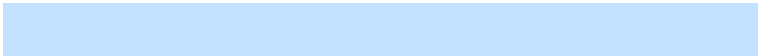
0.9170, 0.7694, 0.1002

Inverse Universe

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



39.9028, 43.0391, 59.0279



67.4225, 73.0143, 105.1474



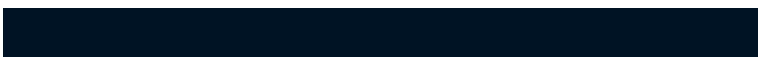
36.2670, 35.7675, 57.8160



10.5097, 11.1934, 13.5241



9.9298, 9.2536, 36.0071



0.5424, 0.5825, 1.7290

Previews

White Background



This preview shows how the XYZ color 44.6371, 45.3553, 38.3001 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 44.6371, 45.3553, 38.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

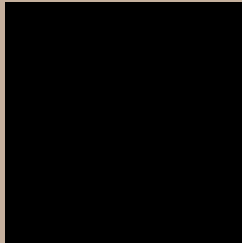
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

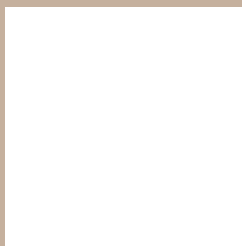
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6371, 45.3553, 38.3001

Background



This preview shows how black text looks on a background with the XYZ color 44.6371, 45.3553, 38.3001.



This preview shows how white text looks on a background with the XYZ color 44.6371, 45.3553,

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

44.6371, 45.3553, 38.3001

Protanopia

43.1171, 45.4348, 39.2982

Deuteranopia

46.2920, 45.3349, 38.6584



Tritanopia

47.5969, 45.4253, 52.1583

Trichromacy



Original Color

44.6371, 45.3553, 38.3001

Protanomaly

43.5778, 45.3858, 38.8113

Deuteranomaly

45.6647, 45.2973, 38.6842

Tritanomaly

46.5009, 45.2616, 46.8430

Monochromacy



Original Color

44.6371, 45.3553, 38.3001

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.8162, 45.6579, 45.5332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6371, 45.3553, 38.3001 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, 176, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 176, 157)  
}
```

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, 176, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 176, 157) }
```

Border

The CSS property to change the border of an element to XYZ 44.6371, 45.3553, 38.3001 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, 176, 157) }
```


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

```
.border{ border-color:rgb(197, 176, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 176, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 176, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 176, 157);  
box-shadow:4px 4px 4px 4px rgb(197, 176,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6371, 45.3553, 38.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 176, 157) }
```

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

```
.background{ background-color: rgb(197,  
176, 157) }
```

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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