

Converting Colors

XYZ(44.3723, 45.1644, 38.3196)

Have a look what the booklet for
XYZ(44.3723, 45.1644, 38.3196)
contains.

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Color

**XYZ(44.3761, 45.2208,
38.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B09D
RGB	196, 176, 157
RGB Percent	77%, 69%, 62%
CMY	0.2314, 0.3098, 0.3843
CMYK	0.00, 0.10, 0.20, 0.23
HSL	29°, 25%, 69%
HSV	29°, 20%, 77%
XYZ	44.3761, 45.2208, 38.2879
YIQ	179.8140, 18.0190, -1.6690

Conversions

Conversions Part 2

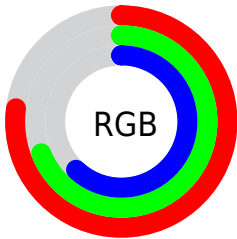
Format	Color
R _Y B	196, 194, 157
Decimal	12890269
CIE Lab	73.04, 4.11, 12.35
CIE LCh	73, 13.012, 71.595
Yxy	45.2208, 0.3470, 0.3536
Android (android.graphics.Color)	4291080349 (0xFFC4B09D)
YUV	179.8140, -11.2473, 14.1951
Hunter-Lab	67.2464, 0.1114, 13.3147

Details

The XYZ color **44.3761, 45.2208, 38.2879** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.5903, 42.5968, 58.3602**, and the grayscale version is **43.3353, 45.5921, 49.6498**.

A 20% lighter version of the original color is **81.2483, 83.3493, 74.0931**, and **20.9645, 21.2067, 16.6240** is the 20% darker color. If you saturate the color by 10%, you get **40.9375, 40.8099, 29.5376**, and if you desaturate by 10%, it is **48.2315, 50.0350, 48.5026**.

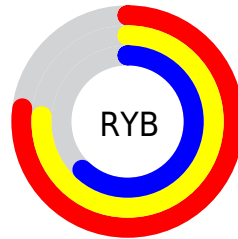
Distribution



Red (77%)

Green (69%)

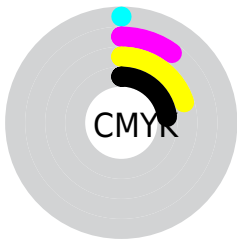
Blue (62%)



Red (77%)

Yellow (76%)

Blue (62%)

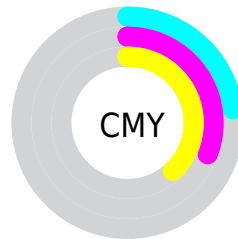


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3761, 45.2208, 38.2879 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 44.3761, 45.2208, 38.2879 by changing the saturation by 10% instead.


 44.3761, 45.2208,
38.2879


 44.3761, 45.2208,
38.2879


355.0672,
367.6671, 354.1885

 31.1655, 31.6314,
25.9026


 81.0262, 83.0516,
73.7575

 20.8773, 21.0801,
16.5257


 105.1964,
108.0619, 97.6790

 13.1463, 13.1826,
9.7386


133.7506,
137.6478, 126.2829

 7.6071, 7.5544,
5.1226

167.0539,
172.1938, 159.9878

 3.8942, 3.8112,
2.2594

205.4719,
212.0844, 199.2123

 1.6425, 1.5685,
0.7083

249.3699,

 0.4199, 0.3362,

257.7039, 244.3749

0.0000

299.1132,
309.4366, 295.8941

■ 0.0000, 0.0000,
0.0000

■ 44.3761, 45.2208,
38.2879

■ 44.3761, 45.2208,
38.2879

■ 40.9375, 40.8099,
29.5376

■ 48.2315, 50.0350,
48.5026

■ 37.8961, 36.7847,
22.1805

■ 52.5151, 55.2571,
60.2427

■ 35.2361, 33.1353,
16.1438

■ 57.2422, 60.8996,
73.5691

■ 32.9390, 29.8488,
11.3466

■ 62.4262, 66.9725,
88.5386

■ 30.9846, 26.9117,
7.6992

■ 68.0798, 73.4853,
105.2036

■ 29.3499, 24.3089,
5.0997

■ 70.8971, 79.1199,
106.1427

■ 28.0087, 22.0238,
3.4274

■ 73.8773, 85.0803,
107.1361

■ 26.9136, 20.0312,
2.4537

■ 76.5751, 90.4758,
108.0354

■ 26.9032, 20.0121,
2.4448

Harmonies

Analogous

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



46.3340, 45.2208, 41.3851



44.3761, 45.2208, 38.2879



42.1083, 45.2208, 37.9633

Triad

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



44.3761, 45.2208, 38.2879



38.8392, 45.2208, 51.7973



45.9490, 45.2208, 59.2070

Complementary

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



44.3761, 45.2208, 38.2879



39.5903, 42.5968, 58.3602

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.



43.8657, 45.2208, 62.5488



44.3761, 45.2208, 38.2879



39.7939, 45.2208, 58.0258

Square

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



44.3761, 45.2208, 38.2879



38.9650, 45.2208, 45.3896



41.6155, 45.2208, 62.0984



47.2639, 45.2208, 53.2975

Rectangle

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



44.3761, 45.2208, 38.2879



40.7311, 45.2208, 39.3249



41.6155, 45.2208, 62.0984



45.3123, 45.2208, 60.6904

Sweetspot

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



44.3773, 45.2228, 38.2889



90.2320, 94.1501, 95.6217



42.7731, 39.0306, 46.9531



19.2049, 20.0193, 20.1711



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.



44.3773, 45.2228, 38.2889



77.5093, 78.2543, 61.9407



48.4447, 53.3577, 39.6447



10.4692, 10.8699, 10.6082



17.3720, 13.0297, 1.5994



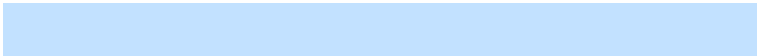
0.8196, 0.7010, 0.0921

Inverse Universe

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



39.5903, 42.5968, 58.3602



67.2202, 72.6097, 105.0799



36.0362, 35.4887, 57.1755



9.9457, 10.5828, 12.8033



9.4473, 8.6511, 34.7285



0.4770, 0.5114, 1.5235

Previews

White Background



This preview shows how the XYZ color 44.3761, 45.2208, 38.2879 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 44.3761, 45.2208, 38.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

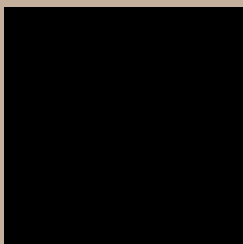
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

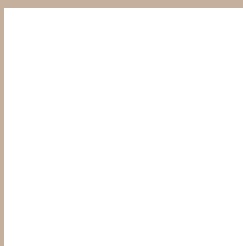
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3761, 45.2208, 38.2879

Background



This preview shows how black text looks on a background with the XYZ color 44.3761, 45.2208, 38.2879.



This preview shows how white text looks on a background with the XYZ color 44.3761, 45.2208,

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

44.3761, 45.2208, 38.2879

Protanopia

42.7852, 45.2736, 38.8314

Deuteranopia

46.2920, 45.3349, 38.6584



Tritanopia

47.3289, 45.2872, 52.1457

Trichromacy



Original Color

44.3761, 45.2208, 38.2879

Protanomaly

43.3272, 45.2566, 38.7996

Deuteranomaly

45.6647, 45.2973, 38.6842

Tritanomaly

46.2346, 45.1244, 46.8305

Monochromacy



Original Color

44.3761, 45.2208, 38.2879

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 44.3761, 45.2208, 38.2879 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(196, 176, 157)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 176, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 176, 157) }
```

Border

The CSS property to change the border of an element to XYZ 44.3761, 45.2208, 38.2879 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(196, 176, 157) }
```


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

```
.border{ border-color:rgb(196, 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(196, 176, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 176, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 176, 157);  
box-shadow:4px 4px 4px 4px rgb(196, 176,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3761, 45.2208, 38.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 176, 157) }
```

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

```
.background{ background-color: rgb(196,  
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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