

Converting Colors

XYZ(39.7701, 45.3356, 25.2797)

Have a look what the booklet for
XYZ(39.7701, 45.3356, 25.2797)
contains.

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Color

**XYZ(39.8000, 45.2421,
25.3738)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B77B
RGB	182, 183, 123
RGB Percent	71%, 72%, 48%
CMY	0.2863, 0.2823, 0.5176
CMYK	0.01, 0.00, 0.33, 0.28
HSL	61°, 29%, 60%
HSV	61°, 33%, 72%
XYZ	39.8000, 45.2421, 25.3738
YIQ	175.8610, 18.6640, -18.8720

Conversions

Conversions Part 2

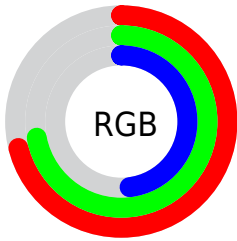
Format	Color
RYB	123, 183, 124
Decimal	11974523
CIELab	73.05, -9.77, 30.46
CIELCh	73, 31.990, 107.786
Yxy	45.2421, 0.3605, 0.4097
Android (android.graphics.Color)	4290164603 (0xFFB6B77B)
YUV	175.8610, -26.0605, 5.3839
Hunter-Lab	67.2622, -12.0880, 24.7172

Details

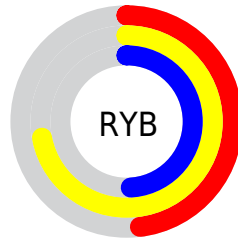
The XYZ color **39.8000, 45.2421, 25.3738** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.9441, 21.8711, 47.7619**, and the grayscale version is **41.3200, 43.4719, 47.3409**.

A 20% lighter version of the original color is **74.2996, 83.2183, 53.2210**, and **18.0873, 21.0355, 9.4103** is the 20% darker color. If you saturate the color by 10%, you get **38.6880, 44.7905, 19.8906**, and if you desaturate by 10%, it is **41.1286, 45.7835, 31.9868**.

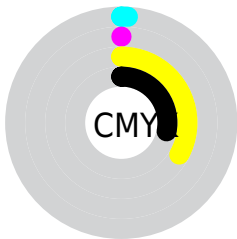
Distribution



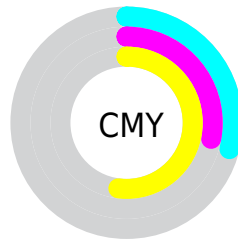
- Red (71%)
- Green (72%)
- Blue (48%)



- Red (48%)
- Yellow (72%)
- Blue (49%)



- Cyan (1%)
- Magenta (0%)
- Yellow (33%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8000, 45.2421, 25.3738 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 39.8000, 45.2421, 25.3738 by changing the saturation by 10% instead.

■ 39.8000, 45.2421,
25.3738

■ 39.8000, 45.2421,
25.3738

336.4288,
367.7532, 293.2014

■ 27.5662, 31.6482,
16.1342

■ 74.1451, 83.0836,
53.2346

■ 18.1377, 21.0929,
9.4638

■ 96.9872, 108.0999,
72.6929

■ 11.1492, 13.1919,
4.9440

■ 124.0959,
137.6925, 96.3945

■ 6.2353, 7.5608,
2.1563

155.8368,
172.2458, 124.7580

■ 3.0307, 3.8153,
0.6490

192.5752,
212.1441, 158.2019

■ 1.1700, 1.5708,
0.0000

234.6764,

■ 0.0825, 0.3378,

257.7718, 197.1448

0.0000

282.5058,
309.5134, 242.0051

■ 0.0000, 0.0000,
0.0000

■ 39.8000, 45.2421,
25.3738

■ 39.8000, 45.2421,
25.3738

■ 38.6880, 44.7905,
19.8906

■ 41.1286, 45.7835,
31.9868

■ 37.7773, 44.4179,
15.4715

■ 42.6814, 46.4130,
39.7849

■ 37.0559, 44.1210,
12.0481

■ 44.4699, 47.1368,
48.8231

■ 36.5090, 43.8940,
9.5432

■ 46.5037, 47.9588,
59.1522

■ 36.1199, 43.7301,
7.8681

■ 48.7919, 48.8825,
70.8202

■ 35.8683, 43.6212,
6.9168

■ 51.3431, 49.9114,
83.8724

■ 35.7429, 43.5651,
6.5250

■ 54.1657, 51.0489,
98.3524

■ 54.8600, 51.3352,
101.6250

■ 54.9338, 51.3732,
101.6284

Harmonies

Analogous

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



45.3162, 45.2421, 24.8792



39.8000, 45.2421, 25.3738



35.5198, 45.2421, 31.3336

Triad

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



39.8000, 45.2421, 25.3738



36.1744, 45.2421, 75.7662



54.3884, 45.2421, 56.0665

Complementary

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



39.8000, 45.2421, 25.3738



23.9441, 21.8711, 47.7619

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.



51.4658, 45.2421, 72.9807



39.8000, 45.2421, 25.3738



40.7666, 45.2421, 85.8992

Square

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



39.8000, 45.2421, 25.3738



33.5548, 45.2421, 59.2778



46.3697, 45.2421, 84.7816



54.0726, 45.2421, 40.4413

Rectangle

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



39.8000, 45.2421, 25.3738



33.7961, 45.2421, 38.5129



46.3697, 45.2421, 84.7816



53.7423, 45.2421, 61.8430

Sweetspot

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



39.8011, 45.2441, 25.3748



77.2358, 83.4435, 75.2761



30.3127, 25.9138, 22.1437



16.9640, 18.3916, 16.1469



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.



39.8011, 45.2441, 25.3748



69.8722, 80.4538, 38.4979



33.4593, 41.9748, 25.0780



9.7349, 10.4955, 9.6197



24.9396, 30.3931, 4.5520



0.8839, 1.0739, 0.1607

Inverse Universe

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



23.9441, 21.8711, 47.7619



37.2732, 32.4010, 84.5252



28.9580, 24.4558, 47.9966



8.5346, 8.7265, 11.3140



5.9953, 2.4019, 31.4007



0.2161, 0.0871, 1.1072

Previews

White Background



This preview shows how the XYZ color 39.8000, 45.2421, 25.3738 looks on a white background.

Color Contrast Check

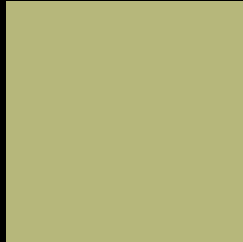
Large Text (above 18pt) WCAG AA × Fail

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 39.8000, 45.2421, 25.3738 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

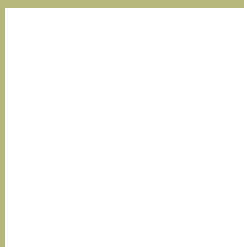
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8000, 45.2421, 25.3738

Background



This preview shows how black text looks on a background with the XYZ color 39.8000, 45.2421, 25.3738.



This preview shows how white text looks on a background with the XYZ color 39.8000, 45.2421,

25.3738.

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

39.8000, 45.2421, 25.3738

Protanopia

41.8194, 45.0900, 24.5883

Deuteranopia

45.8948, 45.1319, 25.6944



Tritanopia

45.7505, 45.2812, 54.4730

Trichromacy



Original Color

39.8000, 45.2421, 25.3738

Protanomaly

41.0693, 44.9948, 24.9326

Deuteranomaly

43.5205, 45.0625, 25.4729

Tritanomaly

43.2054, 45.1222, 42.0296

Monochromacy



Original Color

39.8000, 45.2421, 25.3738

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.5660, 44.1395, 38.2800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8000, 45.2421, 25.3738 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(182, 183, 123)` looks like.

```
.text, #text, p{  
    color:rgb(182, 183, 123)  
}
```

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(182, 183, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 183, 123) }
```

Border

The CSS property to change the border of an element to XYZ 39.8000, 45.2421, 25.3738 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(182, 183, 123) }
```


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

```
.border{ border-color:rgb(182, 183, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 183, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 183, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 183, 123);  
box-shadow:4px 4px 4px 4px rgb(182, 183,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8000, 45.2421, 25.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 183, 123) }
```

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

```
.background{ background-color: rgb(182,  
183, 123) }
```

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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