

Converting Colors

XYZ(45.3608, 39.8423, 23.2384)

Have a look what the booklet for
XYZ(45.3608, 39.8423, 23.2384)
contains.

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Color

**XYZ(45.2738, 39.8509,
23.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	DF9979
RGB	223, 153, 121
RGB Percent	87%, 60%, 47%
CMY	0.1255, 0.4000, 0.5255
CMYK	0.00, 0.31, 0.46, 0.13
HSL	19°, 61%, 67%
HSV	19°, 46%, 87%
XYZ	45.2738, 39.8509, 23.3950
YIQ	170.2820, 51.9920, 4.8880

Conversions

Conversions Part 2

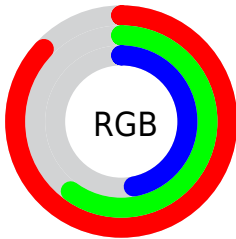
Format	Color
R _Y B	223, 168, 121
Decimal	14653817
CIE Lab	69.36, 22.54, 27.39
CIE LCh	69, 35.472, 50.545
Yxy	39.8509, 0.4172, 0.3672
Android (android.graphics.Color)	4292843897 (0xFFDF9979)
YUV	170.2820, -24.2960, 46.2337
Hunter-Lab	63.1276, 17.5433, 22.2165

Details

The XYZ color **45.2738, 39.8509, 23.3950** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.8343, 46.6522, 76.7170**, and the grayscale version is **38.4494, 40.4518, 44.0520**.

A 20% lighter version of the original color is **71.4359, 69.4277, 49.6802**, and **21.4381, 17.9700, 8.4695** is the 20% darker color. If you saturate the color by 10%, you get **41.7151, 34.6750, 16.2240**, and if you desaturate by 10%, it is **49.4718, 45.7996, 32.3393**.

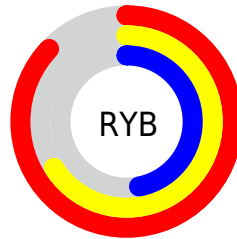
Distribution



Red (87%)

Green (60%)

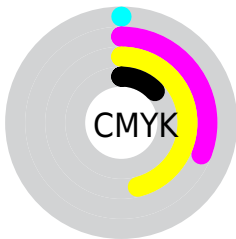
Blue (47%)



Red (87%)

Yellow (66%)

Blue (47%)

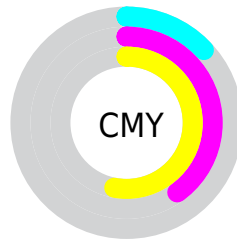


Cyan (0%)

Magenta (31%)

Yellow (46%)

Black (13%)



Cyan (13%)


Magenta (40%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2738, 39.8509, 23.3950 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 45.2738, 39.8509, 23.3950 by changing the saturation by 10% instead.


 45.2738, 39.8509,
23.3950


 45.2738, 39.8509,
23.3950


358.6464,
345.4947, 282.9347


 31.8753, 27.4223,
14.6774

 82.3657, 74.9364,
49.9725

 21.4214, 17.8906,
8.4492


 106.7898, 98.3621,
68.6695

 13.5466, 10.8715,
4.2918


 135.6198,
126.2224, 91.5300

 7.8856, 5.9805,
1.7868

169.2211,
158.9015, 118.9726

 4.0730, 2.8332,
0.4192

207.9591,
196.7839, 151.4159

 1.7435, 1.0453,
0.0000

252.1991,

 0.4833, 0.0000,

240.2539, 189.2783

0.0000

302.3064,
289.6961, 232.9784

■ 0.0000, 0.0000,
0.0000

■ 45.2738, 39.8509,
23.3950

■ 45.2738, 39.8509,
23.3950

■ 41.7151, 34.6750,
16.2240

■ 49.4718, 45.7996,
32.3393

■ 38.7586, 30.2329,
10.7036

■ 54.3376, 52.5463,
43.1635

■ 36.3674, 26.4910,
6.6991

■ 59.9015, 60.1219,
55.9688

■ 34.4987, 23.4099,
4.0527

■ 66.1908, 68.5542,
70.8480

■ 33.1018, 20.9457,
2.5711

■ 73.2315, 77.8694,
87.8884

■ 32.6197, 20.0647,
2.1536

■ 81.0481, 88.0927,
107.1720

■ 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



49.0890, 39.8509, 33.2857



45.2738, 39.8509, 23.3950



39.7054, 39.8509, 19.2179

Triad

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



45.2738, 39.8509, 23.3950



28.0662, 39.8509, 38.4381



41.8530, 39.8509, 79.8982

Complementary

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



45.2738, 39.8509, 23.3950



39.8343, 46.6522, 76.7170

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.



36.1058, 39.8509, 82.2787



45.2738, 39.8509, 23.3950



28.5172, 39.8509, 55.3585

Square

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



45.2738, 39.8509, 23.3950



30.0327, 39.8509, 26.3513



31.3334, 39.8509, 72.4026



46.9807, 39.8509, 66.5376

Rectangle

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



45.2738, 39.8509, 23.3950



35.9075, 39.8509, 19.2781



31.3334, 39.8509, 72.4026



39.9174, 39.8509, 82.1202

Sweetspot

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



45.2748, 39.8529, 23.3958



82.5024, 83.2636, 78.9482



46.8277, 33.1866, 54.0395



17.2830, 17.3145, 16.0191



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.



45.2748, 39.8529, 23.3958



56.6765, 47.2048, 22.2686



55.1442, 59.5916, 26.6856



14.0564, 14.3988, 14.3452



19.2693, 11.9765, 1.2961



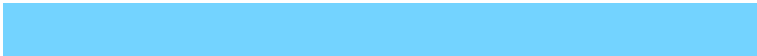
1.4140, 0.9868, 0.1159

Inverse Universe

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



39.8343, 46.6522, 76.7170



48.3799, 57.4330, 103.1435



30.7887, 28.5610, 73.7018



13.7349, 14.8089, 17.5222



14.6375, 16.7445, 43.5089



1.0936, 1.3186, 3.0421

Previews

White Background



This preview shows how the XYZ color 45.2738, 39.8509, 23.3950 looks on a white background.

Color Contrast Check

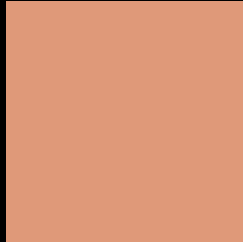
Large Text (above 18pt) WCAG AA × Fail

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 45.2738, 39.8509, 23.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

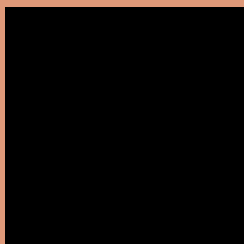
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2738, 39.8509, 23.3950

Background



This preview shows how black text looks on a background with the XYZ color 45.2738, 39.8509, 23.3950.



This preview shows how white text looks on a background with the XYZ color 45.2738, 39.8509,

23.3950.

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

45.2738, 39.8509, 23.3950

Protanopia

37.5624, 40.2530, 26.2119

Deuteranopia

40.7841, 40.0829, 23.0400



Tritanopia

48.2119, 39.8518, 37.9520

Trichromacy



Original Color

45.2738, 39.8509, 23.3950

Protanomaly

40.0031, 39.9019, 24.9955

Deuteranomaly

42.3666, 39.8540, 23.2289

Tritanomaly

47.0685, 39.8646, 32.0019

Monochromacy



Original Color

45.2738, 39.8509, 23.3950

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.9292, 39.6367, 35.2519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2738, 39.8509, 23.3950 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(223, 153, 121)` looks like.

```
.text, #text, p{  
    color:rgb(223, 153, 121)  
}
```

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(223, 153, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 153, 121) }
```

Border

The CSS property to change the border of an element to XYZ 45.2738, 39.8509, 23.3950 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(223, 153, 121) }
```


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

```
.border{ border-color:rgb(223, 153, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 153, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 153, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 153, 121);  
box-shadow:4px 4px 4px 4px rgb(223, 153,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2738, 39.8509, 23.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 153, 121) }
```

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

```
.background{ background-color: rgb(223,  
153, 121) }
```

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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