

Converting Colors

XYZ(50.4283, 46.7419, 39.7302)

Have a look what the booklet for
XYZ(50.4283, 46.7419, 39.7302)
contains.

XYZ(50.4233, 46.8795, 39.6488)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.4233, 46.8795,
39.6488)**

Conversions

Conversions Part 1

Format	Color
Hex	DCABA0
RGB	220, 171, 160
RGB Percent	86%, 67%, 63%
CMY	0.1373, 0.3294, 0.3725
CMYK	0.00, 0.22, 0.27, 0.14
HSL	11°, 46%, 75%
HSV	11°, 27%, 86%
XYZ	50.4233, 46.8795, 39.6488
YIQ	184.3970, 32.7350, 6.9670

Conversions

Conversions Part 2

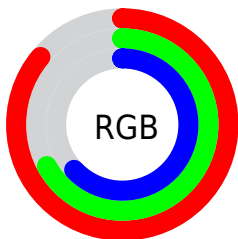
Format	Color
R _Y B	220, 173, 160
Decimal	14461856
CIE Lab	74.11, 16.35, 12.55
CIE LCh	74, 20.607, 37.509
Yxy	46.8795, 0.3682, 0.3423
Android (android.graphics.Color)	4292651936 (0xFFDCABA0)
YUV	184.3970, -12.0277, 31.2238
Hunter-Lab	68.4686, 11.6352, 13.5944

Details

The XYZ color **50.4233, 46.8795, 39.6488** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2154, 58.2403, 76.3053**, and the grayscale version is **45.8323, 48.2192, 52.5107**.

A 20% lighter version of the original color is **80.7021, 80.5590, 75.5860**, and **24.6670, 22.1903, 17.4511** is the 20% darker color. If you saturate the color by 10%, you get **45.5007, 39.8464, 29.3382**, and if you desaturate by 10%, it is **56.1502, 54.9757, 51.9087**.

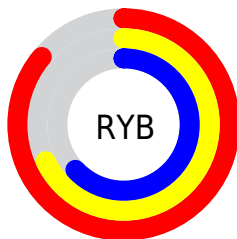
Distribution



Red (86%)

Green (67%)

Blue (63%)



Red (86%)

Yellow (68%)

Blue (63%)

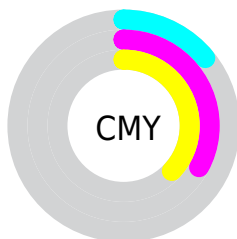


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (14%)



Cyan (14%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4233, 46.8795, 39.6488 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 50.4233, 46.8795, 39.6488 by changing the saturation by 10% instead.


 50.4233, 46.8795,
39.6488


 50.4233, 46.8795,
39.6488


378.7437,
374.3333, 360.1491

 35.9690, 32.9404,
26.9531


 89.9898, 85.5337,
75.8596

 24.5803, 22.0808,
17.3059


 115.8328,
111.0176, 100.2119

 15.8917, 13.9163,
10.2886


146.2027,
141.1186, 129.2868

 9.5379, 8.0625,
5.4826

181.4649,
176.2211, 163.5028

 5.1536, 4.1349,
2.4695

221.9847,
216.7094, 203.2785

 2.3733, 1.7493,
0.8239

268.1275,

 0.8318, 0.4553,

262.9679, 249.0324

0.0000

320.2588,
315.3811, 301.1831

0.0000, 0.0000,
0.0000

50.4233, 46.8795,
39.6488

50.4233, 46.8795,
39.6488

45.5007, 39.8464,
29.3382

56.1502, 54.9757,
51.9087

41.3422, 33.8256,
20.8734

62.7119, 64.1699,
66.2084

37.9099, 28.7721,
14.1455

70.1415, 74.5037,
82.6364

35.1606, 24.6347,
9.0329

78.4694, 86.0142,
101.2749

33.0469, 21.3576,
5.3984

83.3253, 93.9557,
108.3513

■ 31.5143, 18.8784,
3.0816

■ 30.4961, 17.1247,
1.8704

■ 30.2859, 16.7569,
1.6382

Harmonies

Analogous

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



51.9649, 46.8795, 48.4353



50.4233, 46.8795, 39.6488



47.3259, 46.8795, 34.4838

Triad

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



50.4233, 46.8795, 39.6488



38.3210, 46.8795, 43.6618



45.4908, 46.8795, 73.9441

Complementary

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



50.4233, 46.8795, 39.6488



50.2154, 58.2403, 76.3053

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.



41.8994, 46.8795, 72.2032



50.4233, 46.8795, 39.6488



37.8899, 46.8795, 53.7444

Square

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



50.4233, 46.8795, 39.6488



40.3774, 46.8795, 36.5680



39.1653, 46.8795, 64.4363



49.0167, 46.8795, 68.9099

Rectangle

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



50.4233, 46.8795, 39.6488



44.8665, 46.8795, 33.3225



39.1653, 46.8795, 64.4363



44.2501, 46.8795, 74.1427

Sweetspot

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



50.4245, 46.8817, 39.6498



86.8517, 88.5831, 90.8153



53.5951, 44.9613, 66.1756



18.2788, 18.5258, 18.7568



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.



50.4245, 46.8817, 39.6498



66.1950, 59.4319, 46.4358



56.7474, 59.5275, 41.7574



13.2483, 13.4359, 13.6207



17.8334, 9.9523, 0.9811



1.2136, 0.7613, 0.0830

Inverse Universe

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



50.2154, 58.2403, 76.3053



65.8446, 77.9264, 106.1787



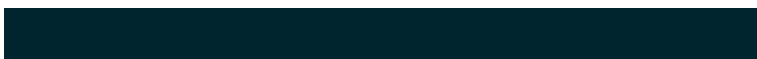
43.5361, 44.8817, 74.0789



13.2313, 14.4023, 16.7347



17.1949, 22.2592, 43.1286



1.1678, 1.5498, 2.8120

Previews

White Background



This preview shows how the XYZ color 50.4233, 46.8795, 39.6488 looks on a white background.

Color Contrast Check

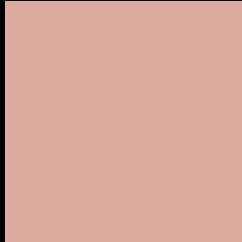
Large Text (above 18pt) WCAG AA × Fail

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 50.4233, 46.8795, 39.6488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

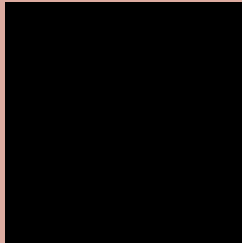
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4233, 46.8795, 39.6488

Background



This preview shows how black text looks on a background with the XYZ color 50.4233, 46.8795, 39.6488.



This preview shows how white text looks on a background with the XYZ color 50.4233, 46.8795,

39.6488.

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

50.4233, 46.8795, 39.6488

Protanopia

44.8461, 47.1562, 42.8148

Deuteranopia

48.0778, 47.1092, 39.3599



Tritanopia

52.4673, 46.8711, 49.9978

Trichromacy



Original Color

50.4233, 46.8795, 39.6488

Protanomaly

46.7086, 46.9386, 41.7202

Deuteranomaly

48.8346, 46.9214, 39.2838

Tritanomaly

51.5496, 46.7652, 45.8448

Monochromacy



Original Color

50.4233, 46.8795, 39.6488

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.8839, 47.2057, 47.1980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4233, 46.8795, 39.6488 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(220, 171, 160)` looks like.

```
.text, #text, p{  
    color:rgb(220, 171, 160)  
}
```

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(220, 171, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 171, 160) }
```

Border

The CSS property to change the border of an element to XYZ 50.4233, 46.8795, 39.6488 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(220, 171, 160) }
```


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

```
.border{ border-color:rgb(220, 171, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 171, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 171, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 171, 160);  
box-shadow:4px 4px 4px 4px rgb(220, 171,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4233, 46.8795, 39.6488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 171, 160) }
```

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

```
.background{ background-color: rgb(220,  
171, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor