

Converting Colors

XYZ(45.6003, 38.8807, 31.4869)

Have a look what the booklet for
XYZ(45.6003, 38.8807, 31.4869)
contains.

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Color

**XYZ(45.6003, 38.8807,
31.4869)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9590
RGB	221, 149, 144
RGB Percent	87%, 58%, 56%
CMY	0.1333, 0.4157, 0.4353
CMYK	0.00, 0.33, 0.35, 0.13
HSL	4°, 53%, 72%
HSV	4°, 35%, 87%
XYZ	45.6003, 38.8807, 31.4869
YIQ	169.9580, 44.5170, 13.7090

Conversions

Conversions Part 2

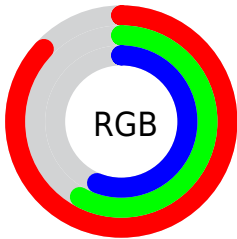
Format	Color
R_{YB}	221, 149, 144
Decimal	14521744
CIE _{Lab}	68.66, 26.49, 13.72
CIE _{LCh}	69, 29.829, 27.376
Yxy	38.8807, 0.3932, 0.3353
Android (android.graphics.Color)	4292711824 (0xFFDD9590)
YUV	169.9580, -12.7973, 44.7638
Hunter-Lab	62.3544, 21.4184, 13.7086

Details

The XYZ color **45.6003, 38.8807, 31.4869** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1076, 60.2592, 77.4496**, and the grayscale version is **38.2347, 40.2259, 43.8060**.

A 20% lighter version of the original color is **73.0259, 68.5229, 62.8035**, and **21.6049, 17.2501, 12.7806** is the 20% darker color. If you saturate the color by 10%, you get **41.0894, 32.3027, 22.4497**, and if you desaturate by 10%, it is **51.0239, 46.7547, 42.4604**.

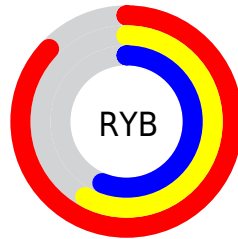
Distribution



Red (87%)

Green (58%)

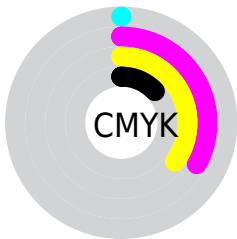
Blue (56%)



Red (87%)

Yellow (58%)

Blue (56%)

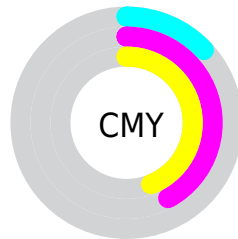


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (13%)



Cyan (13%)


Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6003, 38.8807, 31.4869 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 45.6003, 38.8807, 31.4869 by changing the saturation by 10% instead.


 45.6003, 38.8807,
31.4869


 45.6003, 38.8807,
31.4869


359.9423,
341.3830, 323.1956

 32.1338, 26.6669,
20.7083


 82.8520, 73.4560,
63.0944

 21.6198, 17.3232,
12.7218


 107.3680, 96.5864,
84.7603

 13.6928, 10.4652,
7.1088


136.2978,
124.1244, 110.8925

 7.9876, 5.7085,
3.4508

170.0068,
156.4544, 141.9095

 4.1387, 2.6686,
1.3291

208.8604,
193.9609, 178.2297

 1.7809, 0.9613,
0.0855

253.2240,

 0.5061, 0.0000,

237.0283, 220.2718

0.0000

303.4628,
286.0408, 268.4543

■ 0.0000, 0.0000,
0.0000

■ 45.6003, 38.8807,
31.4869

■ 45.6003, 38.8807,
31.4869

■ 41.0894, 32.3027,
22.4497

■ 51.0239, 46.7547,
42.4604

■ 37.4382, 26.9459,
15.2341

■ 57.4033, 55.9830,
55.4711

■ 34.5927, 22.7368,
9.7171

■ 64.7827, 66.6272,
70.6156

■ 32.4917, 19.5914,
5.7595

■ 73.2024, 78.7433,
87.9839

■ 31.0653, 17.4145,
3.1999

■ 82.7008, 92.3844,
107.6605

■ 30.2297, 16.0936,
1.8420

■ 83.6288, 94.1122,
108.3655

■ 29.9808, 15.6961,
1.4495

Harmonies

Analogous

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



46.7667, 38.8807, 43.5338



45.6003, 38.8807, 31.4869



42.0589, 38.8807, 24.0224

Triad

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



45.6003, 38.8807, 31.4869



29.8361, 38.8807, 29.8275



36.5416, 38.8807, 73.9125

Complementary

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



45.6003, 38.8807, 31.4869



49.1076, 60.2592, 77.4496

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.



32.2815, 38.8807, 68.1704



45.6003, 38.8807, 31.4869



28.6215, 38.8807, 41.1573

Square

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



45.6003, 38.8807, 31.4869



32.9427, 38.8807, 23.2172



29.4778, 38.8807, 55.4248



41.2805, 38.8807, 69.8159

Rectangle

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



45.6003, 38.8807, 31.4869



38.9711, 38.8807, 21.7234



29.4778, 38.8807, 55.4248



35.0096, 38.8807, 73.0457

Sweetspot

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



45.6013, 38.8826, 31.4877



84.0728, 84.1851, 86.3135



52.3362, 40.3366, 70.7754



17.6897, 17.5785, 17.8483



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.



45.6013, 38.8826, 31.4877



58.2756, 46.7915, 33.9357



52.4858, 52.6515, 33.7825



13.1237, 13.1867, 13.5792



17.4450, 9.1755, 0.8516



1.1546, 0.6433, 0.0633

Inverse Universe

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



49.1076, 60.2592, 77.4496



63.8240, 80.6652, 106.8138



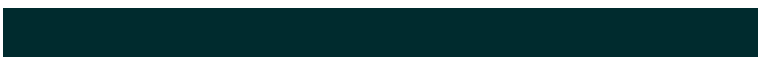
40.6031, 43.2502, 74.6148



13.3686, 14.6770, 16.7805



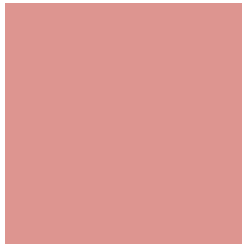
20.5247, 28.9189, 44.2385



1.3520, 1.9182, 2.8734

Previews

White Background



This preview shows how the XYZ color 45.6003, 38.8807, 31.4869 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 45.6003, 38.8807, 31.4869 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 45.6003, 38.8807, 31.4869

Background



This preview shows how black text looks on a background with the XYZ color 45.6003, 38.8807, 31.4869.



This preview shows how white text looks on a background with the XYZ color 45.6003, 38.8807,

31.4869.

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

45.6003, 38.8807, 31.4869

Protanopia

37.0240, 38.9360, 35.7010

Deuteranopia

39.7951, 39.1311, 31.0468



Tritanopia

46.7295, 38.8657, 37.3867

Trichromacy



Original Color

45.6003, 38.8807, 31.4869

Protanomaly

39.5617, 38.4200, 34.1848

Deuteranomaly

41.6435, 38.7936, 31.2797

Tritanomaly

46.4639, 39.0093, 35.2176

Monochromacy



Original Color

45.6003, 38.8807, 31.4869

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.3396, 39.2327, 39.1648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6003, 38.8807, 31.4869 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(221, 149, 144)` looks like.

```
.text, #text, p{  
    color:rgb(221, 149, 144)  
}
```

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(221, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 149, 144) }
```

Border

The CSS property to change the border of an element to XYZ 45.6003, 38.8807, 31.4869 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(221, 149, 144) }
```


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

```
.border{ border-color:rgb(221, 149, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 149, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 149, 144);  
box-shadow:4px 4px 4px 4px rgb(221, 149,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6003, 38.8807, 31.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 149, 144) }
```

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

```
.background{ background-color: rgb(221,  
149, 144) }
```

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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