

Converting Colors

XYZ(48.1307, 45.2596, 38.1338)

Have a look what the booklet for
XYZ(48.1307, 45.2596, 38.1338)
contains.

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Color

**XYZ(48.0053, 45.1064,
38.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A99D
RGB	214, 169, 157
RGB Percent	84%, 66%, 62%
CMY	0.1608, 0.3372, 0.3843
CMYK	0.00, 0.21, 0.27, 0.16
HSL	13°, 41%, 73%
HSV	13°, 27%, 84%
XYZ	48.0053, 45.1064, 38.0745
YIQ	181.0870, 30.6720, 5.8080

Conversions

Conversions Part 2

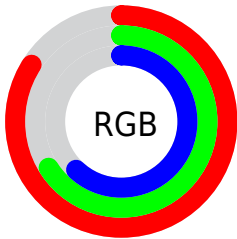
Format	Color
R _Y B	214, 172, 157
Decimal	14068125
CIE Lab	72.96, 14.73, 12.48
CIE LCh	73, 19.306, 40.270
Yxy	45.1064, 0.3659, 0.3438
Android (android.graphics.Color)	4292258205 (0xFFD6A99D)
YUV	181.0870, -11.8749, 28.8647
Hunter-Lab	67.1613, 10.0553, 13.4007

Details

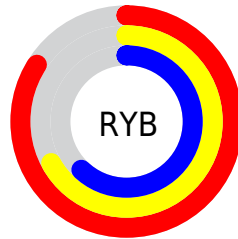
The XYZ color **48.0053, 45.1064, 38.0745** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1621, 54.2625, 71.6065**, and the grayscale version is **44.0196, 46.3121, 50.4338**.

A 20% lighter version of the original color is **79.7793, 79.3248, 73.3937**, and **23.0634, 21.0323, 16.4797** is the 20% darker color. If you saturate the color by 10%, you get **43.3937, 38.5554, 28.2991**, and if you desaturate by 10%, it is **53.3454, 52.6017, 49.6726**.

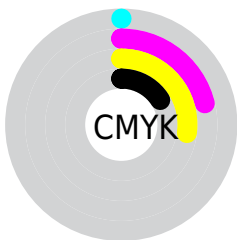
Distribution



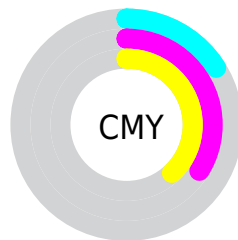
- Red (84%)
- Green (66%)
- Blue (62%)



- Red (84%)
- Yellow (67%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (27%)
- Black (16%)




- Cyan (16%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0053, 45.1064, 38.0745 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 48.0053, 45.1064, 38.0745 by changing the saturation by 10% instead.


 48.0053, 45.1064,
38.0745


 48.0053, 45.1064,
38.0745


369.3954,
367.2043, 353.2472

 34.0424, 31.5412,
25.7382


 86.4219, 82.8801,
73.4270

 23.0892, 21.0113,
16.4039


 111.6063,
107.8573, 97.2803

 14.7804, 13.1323,
9.6530


141.2620,
137.4075, 125.8097

 8.7507, 7.5197,
5.0669


175.7541,
171.9148, 159.4338

 4.6348, 3.7892,
2.2271

215.4482,
211.7638, 198.5710

 2.0671, 1.5563,
0.6900

260.7095,

 0.6713, 0.3279,

257.3387, 243.6400

0.0000

311.9035,
309.0241, 295.0592

0.0000, 0.0000,
0.0000

48.0053, 45.1064,
38.0745

48.0053, 45.1064,
38.0745

43.3937, 38.5554,
28.2991

53.3454, 52.6017,
49.6726

39.4749, 32.9049,
20.2504

59.4405, 61.0705,
63.1768

36.2155, 28.1168,
13.8281

66.3201, 70.5484,
78.6691

33.5777, 24.1480,
8.9202

74.0112, 81.0674,
96.2254

31.5198, 20.9513,
5.4005

81.0557, 92.0644,
108.1059

■ 29.9943, 18.4746,
3.1218

■ 81.5416, 93.0362,
108.2678

■ 28.9442, 16.6581,
1.8966

■ 28.6727, 16.1782,
1.6115

Harmonies

Analogous

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



49.5649, 45.1064, 45.8803



48.0053, 45.1064, 38.0745



45.0956, 45.1064, 33.6432

Triad

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



48.0053, 45.1064, 38.0745



37.0613, 45.1064, 43.1149



44.0372, 45.1064, 69.7146

Complementary

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



48.0053, 45.1064, 38.0745



47.1621, 54.2625, 71.6065

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.



40.7232, 45.1064, 68.7197



48.0053, 45.1064, 38.0745



36.8110, 45.1064, 52.4945

Square

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



48.0053, 45.1064, 38.0745



38.8213, 45.1064, 36.2786



38.1189, 45.1064, 62.1025



47.1957, 45.1064, 64.6657

Rectangle

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



48.0053, 45.1064, 38.0745



42.8417, 45.1064, 32.8044



38.1189, 45.1064, 62.1025



42.9028, 45.1064, 70.0903

Sweetspot

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



48.0065, 45.1085, 38.0754



87.0138, 88.9074, 90.8693



50.5207, 42.7033, 61.8304



18.3193, 18.6068, 18.7703



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.



48.0065, 45.1085, 38.0754



67.3621, 61.3736, 48.0343



53.7612, 56.6179, 39.9937



12.6331, 12.8404, 12.9733



17.3922, 9.9017, 0.9946



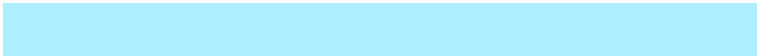
1.1101, 0.7194, 0.0803

Inverse Universe

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



47.1621, 54.2625, 71.6065



65.8928, 77.1912, 106.0342



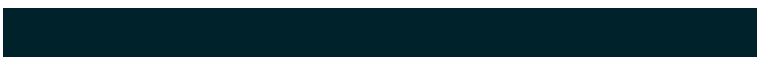
41.1980, 42.3344, 69.6185



12.5599, 13.6431, 15.9089



15.9820, 20.2258, 41.5148



1.0208, 1.3337, 2.5229

Previews

White Background



This preview shows how the XYZ color 48.0053, 45.1064, 38.0745 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 48.0053, 45.1064, 38.0745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

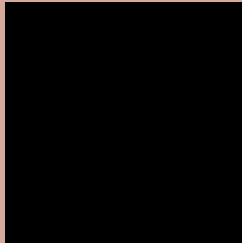
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0053, 45.1064, 38.0745

Background



This preview shows how black text looks on a background with the XYZ color 48.0053, 45.1064, 38.0745.



This preview shows how white text looks on a background with the XYZ color 48.0053, 45.1064,

38.0745.

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

48.0053, 45.1064, 38.0745

Protanopia

43.1352, 45.4136, 40.6747

Deuteranopia

46.1212, 45.2666, 37.7590



Tritanopia

50.0918, 45.1260, 48.7179

Trichromacy



Original Color

48.0053, 45.1064, 38.0745

Protanomaly

44.7011, 45.0683, 39.6008

Deuteranomaly

46.7657, 45.3152, 37.7344

Tritanomaly

49.1937, 45.0248, 44.6259

Monochromacy



Original Color

48.0053, 45.1064, 38.0745

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.1609, 45.7603, 45.4821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0053, 45.1064, 38.0745 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(214, 169, 157)` looks like.

```
.text, #text, p{  
    color:rgb(214, 169, 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(214, 169, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 169, 157) }
```

Border

The CSS property to change the border of an element to XYZ 48.0053, 45.1064, 38.0745 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(214, 169, 157) }
```


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

```
.border{ border-color:rgb(214, 169, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 169, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 169, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 169, 157);  
box-shadow:4px 4px 4px 4px rgb(214, 169,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0053, 45.1064, 38.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 169, 157) }
```

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

```
.background{ background-color: rgb(214,  
169, 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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