

Converting Colors

XYZ(51.7959, 48.3107, 45.6247)

Have a look what the booklet for
XYZ(51.7959, 48.3107, 45.6247)
contains.

XYZ(51.7959, 48.3107, 45.6247)	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(51.7959, 48.3107,
45.6247)**

Conversions

Conversions Part 1

Format	Color
Hex	DBAEAC
RGB	219, 174, 172
RGB Percent	86%, 68%, 67%
CMY	0.1412, 0.3176, 0.3255
CMYK	0.00, 0.21, 0.21, 0.14
HSL	3°, 39%, 77%
HSV	3°, 21%, 86%
XYZ	51.7959, 48.3107, 45.6247
YIQ	187.2270, 27.4620, 8.9180

Conversions

Conversions Part 2

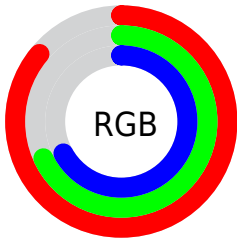
Format	Color
R _Y B	219, 174, 172
Decimal	14397100
CIE Lab	75.02, 16.07, 7.27
CIE LCh	75, 17.641, 24.338
Yxy	48.3107, 0.3554, 0.3315
Android (android.graphics.Color)	4292587180 (0xFFDBAEAC)
YUV	187.2270, -7.5069, 27.8649
Hunter-Lab	69.5059, 11.3831, 9.7353

Details

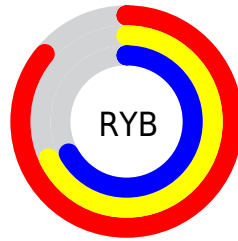
The XYZ color **51.7959, 48.3107, 45.6247** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6119, 63.5094, 76.3985**, and the grayscale version is **47.3935, 49.8616, 54.2993**.

A 20% lighter version of the original color is **83.4019, 83.3997, 84.3750**, and **25.3318, 22.8173, 20.8384** is the 20% darker color. If you saturate the color by 10%, you get **46.1244, 40.0607, 34.1984**, and if you desaturate by 10%, it is **58.4489, 57.9683, 59.0893**.

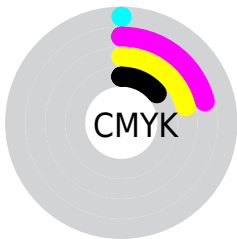
Distribution



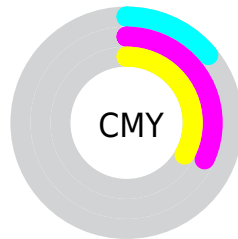
- Red (86%)
- Green (68%)
- Blue (67%)



- Red (86%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (21%)
- Black (14%)



- Cyan (14%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7959, 48.3107, 45.6247 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 51.7959, 48.3107, 45.6247 by changing the saturation by 10% instead.

■ 51.7959, 48.3107,
45.6247

■ 51.7959, 48.3107,
45.6247

383.9851,
380.0223, 385.5314

■ 37.0660, 34.0730,
31.6032

■ 92.0062, 87.6668,
84.9854

■ 25.4325, 22.9497,
20.7963

118.2173,
113.5540, 111.1617

■ 16.5300, 14.5564,
12.7854

148.9862,
144.0932, 142.2268

■ 9.9932, 8.5086,
7.1520

184.6783,
179.6688, 178.5990

■ 5.4567, 4.4221,
3.4774

225.6588,
220.6650, 220.6971

■ 2.5551, 1.9124,
1.3433

272.2932,

■ 0.9231, 0.5558,

267.4665, 268.9395

0.0969

324.9469,
320.4574, 323.7447

■ 0.0000, 0.0000,
0.0000

■ 51.7959, 48.3107,
45.6247

■ 51.7959, 48.3107,
45.6247

■ 46.1244, 40.0607,
34.1984

■ 58.4489, 57.9683,
59.0893

■ 41.3843, 33.1462,
24.7082

■ 66.1226, 69.0877,
74.6815

■ 37.5269, 27.4991,
17.0479

■ 74.8589, 81.7286,
92.4889

■ 34.4976, 23.0425,
11.0995

■ 83.0236, 93.8002,
108.3372

■ 32.2358, 19.6911,
6.7316

■ 30.6724, 17.3484,
3.7934

■ 29.7261, 15.9011,
2.1053

■ 29.3150, 15.2629,
1.4010

Harmonies

Analogous

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



52.3617, 48.3107, 54.3717



51.7959, 48.3107, 45.6247



49.6245, 48.3107, 39.4655

Triad

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



51.7959, 48.3107, 45.6247



41.0669, 48.3107, 42.9230



45.3095, 48.3107, 72.3036

Complementary

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



51.7959, 48.3107, 45.6247



54.6119, 63.5094, 76.3985

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.



42.4005, 48.3107, 68.3715



51.7959, 48.3107, 45.6247



40.0256, 48.3107, 50.8714

Square

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



51.7959, 48.3107, 45.6247



43.4121, 48.3107, 38.0381



40.5023, 48.3107, 60.2570



48.5182, 48.3107, 70.4771

Rectangle

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



51.7959, 48.3107, 45.6247



47.6104, 48.3107, 37.3033



40.5023, 48.3107, 60.2570



44.2659, 48.3107, 71.5986

Sweetspot

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



51.7972, 48.3129, 45.6257



88.1876, 90.0613, 94.9402



56.5473, 49.5981, 72.5351



18.7229, 19.0553, 20.0105



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.



51.7972, 48.3129, 45.6257



69.1387, 62.4129, 56.3764



56.6418, 58.0020, 47.2406



13.1003, 13.1400, 13.5714



17.4024, 9.0904, 0.8374



1.1435, 0.6210, 0.0596

Inverse Universe

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



54.6119, 63.5094, 76.3985



73.8267, 87.7301, 107.6503



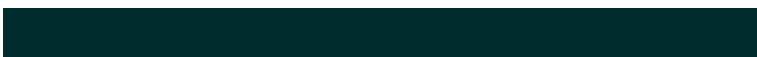
49.0770, 52.4397, 74.5536



13.3948, 14.7294, 16.7892



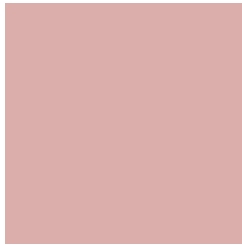
21.2190, 30.3075, 44.4700



1.3897, 1.9936, 2.8860

Previews

White Background



This preview shows how the XYZ color 51.7959, 48.3107, 45.6247 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 51.7959, 48.3107, 45.6247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

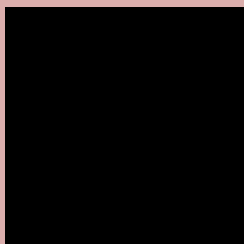
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7959, 48.3107, 45.6247

Background



This preview shows how black text looks on a background with the XYZ color 51.7959, 48.3107, 45.6247.



This preview shows how white text looks on a background with the XYZ color 51.7959, 48.3107,

45.6247.

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

51.7959, 48.3107, 45.6247

Protanopia

46.4116, 48.4425, 49.0237

Deuteranopia

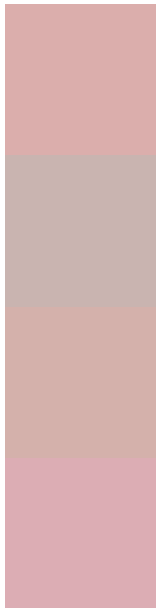
49.2835, 48.1910, 45.2323



Tritanopia

53.3283, 48.3800, 52.4265

Trichromacy



Original Color

51.7959, 48.3107, 45.6247

Protanomaly

48.2451, 48.1946, 47.8340

Deuteranomaly

50.2242, 48.3816, 45.2196

Tritanomaly

52.6970, 48.3981, 49.7443

Monochromacy



Original Color

51.7959, 48.3107, 45.6247

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.7246, 48.9754, 51.1411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7959, 48.3107, 45.6247 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(219, 174, 172)` looks like.

```
.text, #text, p{  
    color:rgb(219, 174, 172)  
}
```

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(219, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 174, 172) }
```

Border

The CSS property to change the border of an element to XYZ 51.7959, 48.3107, 45.6247 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(219, 174, 172) }
```


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

```
.border{ border-color:rgb(219, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(219, 174,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7959, 48.3107, 45.6247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 174, 172) }
```

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

```
.background{ background-color: rgb(219,  
174, 172) }
```

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