

Converting Colors

XYZ(51.5654, 48.8691, 48.1757)

Have a look what the booklet for
XYZ(51.5654, 48.8691, 48.1757)
contains.

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Color

**XYZ(51.6823, 49.0657,
48.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B1B1
RGB	215, 177, 177
RGB Percent	84%, 69%, 69%
CMY	0.1569, 0.3059, 0.3059
CMYK	0.00, 0.18, 0.18, 0.16
HSL	0°, 32%, 77%
HSV	0°, 18%, 84%
XYZ	51.6823, 49.0657, 48.3416
YIQ	188.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

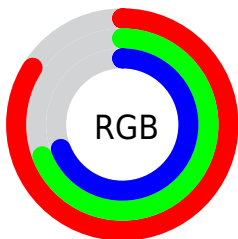
Format	Color
R _Y B	215, 177, 177
Decimal	14135729
CIE Lab	75.49, 13.74, 5.17
CIE LCh	75, 14.682, 20.618
Yxy	49.0657, 0.3467, 0.3291
Android (android.graphics.Color)	4292325809 (0xFFD7B1B1)
YUV	188.3620, -5.6015, 23.3615
Hunter-Lab	70.0469, 9.1195, 8.1149

Details

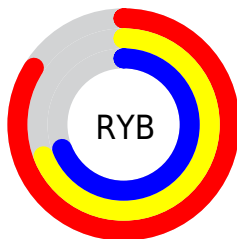
The XYZ color **51.6823, 49.0657, 48.3416** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6971, 62.8527, 73.5394**, and the grayscale version is **48.0288, 50.5300, 55.0272**.

A 20% lighter version of the original color is **85.0869, 85.4210, 89.0941**, and **25.3429, 23.3441, 22.2389** is the 20% darker color. If you saturate the color by 10%, you get **45.7891, 40.4426, 36.6243**, and if you desaturate by 10%, it is **58.5848, 59.1661, 62.0622**.

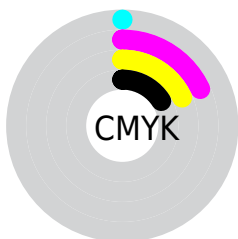
Distribution



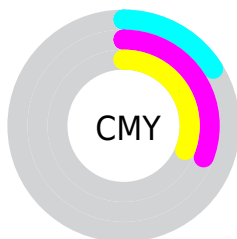
- Red (84%)
- Green (69%)
- Blue (69%)



- Red (84%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6823, 49.0657, 48.3416 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 51.6823, 49.0657, 48.3416 by changing the saturation by 10% instead.


 51.6823, 49.0657,
48.3416

 51.6823, 49.0657,
48.3416


383.5530,
383.0009, 396.6923

 36.9752, 34.6716,
33.7356


 91.8395, 88.7890,
89.0836

 25.3618, 23.4100,
22.4148


118.0203,
114.8870, 116.0567

 16.4770, 14.8966,
13.9608


148.7564,
145.6551, 147.9892

 9.9553, 8.7468,
7.9550

184.4131,
181.4777, 185.2997

 5.4314, 4.5764,
3.9788

225.3557,
222.7392, 228.4067

 2.5399, 2.0009,
1.6137

271.9497,

 0.9154, 0.6080,

269.8240, 277.7288

0.3006

324.5603,
323.1164, 333.6845

■ 0.0000, 0.0000,
0.0000

■ 51.6823, 49.0657,
48.3416

■ 51.6823, 49.0657,
48.3416

■ 45.7891, 40.4426,
36.6243

■ 58.5848, 59.1661,
62.0622

■ 40.8541, 33.2213,
26.8137

■ 66.5364, 70.8014,
77.8703

■ 36.8280, 27.3299,
18.8100

■ 75.5798, 84.0342,
95.8490

■ 33.6552, 22.6871,
12.5030

■ 81.8345, 93.1872,
108.2815

■ 31.2744, 19.2032,
7.7703

■ 29.6158, 16.7760,
4.4736

■ 28.5977, 15.2861,
2.4501

■ 28.1065, 14.5672,
1.4740

■ 28.0248, 14.4477,
1.3116

Harmonies

Analogous

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



51.9655, 49.0657, 55.8929



51.6823, 49.0657, 48.3416



50.0189, 49.0657, 42.7038

Triad

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



51.6823, 49.0657, 48.3416



42.7243, 49.0657, 44.5075



45.7916, 49.0657, 69.5346

Complementary

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



51.6823, 49.0657, 48.3416



54.6971, 62.8527, 73.5394

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.



43.4081, 49.0657, 65.8035



51.6823, 49.0657, 48.3416



41.6830, 49.0657, 51.0293

Square

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



51.6823, 49.0657, 48.3416



44.8253, 49.0657, 40.6435



41.9284, 49.0657, 58.8511



48.4938, 49.0657, 68.6373

Rectangle

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



51.6823, 49.0657, 48.3416



48.3855, 49.0657, 40.5518



41.9284, 49.0657, 58.8511



44.9282, 49.0657, 68.7675

Sweetspot

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



51.6837, 49.0679, 48.3426



89.1316, 91.3398, 97.1340



56.0127, 50.7983, 71.1433



18.9067, 19.3000, 20.4504



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.



51.6837, 49.0679, 48.3426



72.8287, 67.4844, 64.7236



55.7006, 57.1018, 49.6816



12.4234, 12.4210, 12.9034



16.7621, 8.6415, 0.7845



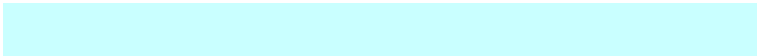
1.0110, 0.5213, 0.0473

Inverse Universe

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



54.6971, 62.8527, 73.5394



78.0167, 91.2163, 108.1023



50.1377, 53.7339, 72.0196



12.7921, 14.1077, 15.9864



21.8675, 31.9968, 43.4766



1.3190, 1.9300, 2.6223

Previews

White Background



This preview shows how the XYZ color 51.6823, 49.0657, 48.3416 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 51.6823, 49.0657, 48.3416 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 51.6823, 49.0657, 48.3416

Background



This preview shows how black text looks on a background with the XYZ color 51.6823, 49.0657, 48.3416.



This preview shows how white text looks on a background with the XYZ color 51.6823, 49.0657,

48.3416.

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

51.6823, 49.0657, 48.3416

Protanopia

47.2783, 49.1517, 51.2514

Deuteranopia

50.1702, 49.1870, 47.9241



Tritanopia

52.8342, 48.9330, 54.8045

Trichromacy



Original Color

51.6823, 49.0657, 48.3416

Protanomaly

48.7856, 49.0305, 50.0726

Deuteranomaly

50.8205, 49.2237, 47.8969

Tritanomaly

52.6012, 49.1524, 52.6139

Monochromacy



Original Color

51.6823, 49.0657, 48.3416

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.0809, 49.7474, 52.3628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6823, 49.0657, 48.3416 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(215, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(215, 177, 177)  
}
```

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(215, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 177, 177) }
```

Border

The CSS property to change the border of an element to XYZ 51.6823, 49.0657, 48.3416 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(215, 177, 177) }
```


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

```
.border{ border-color:rgb(215, 177, 177) }
```

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

Here you see how a box with a 4 pixel rgb(215, 177, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(215, 177,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6823, 49.0657, 48.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 177, 177) }
```

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

```
.background{ background-color: rgb(215,  
177, 177) }
```

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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