

Converting Colors

XYZ(52.5777, 49.8049, 48.9740)

Have a look what the booklet for
XYZ(52.5777, 49.8049, 48.9740)
contains.

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Color

**XYZ(52.5715, 49.8069,
48.9623)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B2B2
RGB	217, 178, 178
RGB Percent	85%, 70%, 70%
CMY	0.1490, 0.3019, 0.3020
CMYK	0.00, 0.18, 0.18, 0.15
HSL	0°, 34%, 77%
HSV	0°, 18%, 85%
XYZ	52.5715, 49.8069, 48.9623
YIQ	189.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

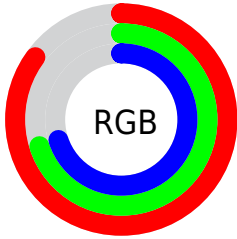
Format	Color
R _Y B	217, 178, 178
Decimal	14267058
CIE Lab	75.95, 14.09, 5.31
CIE LCh	76, 15.060, 20.646
Yxy	49.8069, 0.3474, 0.3291
Android (android.graphics.Color)	4292457138 (0xFFD9B2B2)
YUV	189.6610, -5.7489, 23.9763
Hunter-Lab	70.5740, 9.4625, 8.2680

Details

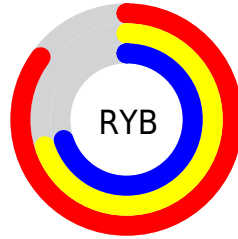
The XYZ color **52.5715, 49.8069, 48.9623** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.6966, 64.0985, 75.0826**, and the grayscale version is **48.7724, 51.3124, 55.8792**.

A 20% lighter version of the original color is **85.5141, 86.0462, 89.9434**, and **25.9356, 23.8293, 22.6346** is the 20% darker color. If you saturate the color by 10%, you get **46.5819, 41.0427, 37.0533**, and if you desaturate by 10%, it is **59.5914, 60.0791, 62.9163**.

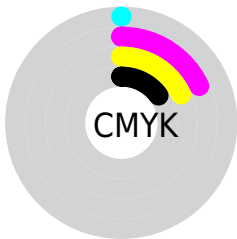
Distribution



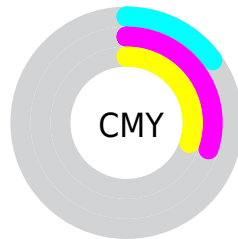
- Red (85%)
- Green (70%)
- Blue (70%)



- Red (85%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (15%)




- Cyan (15%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5715, 49.8069, 48.9623 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 52.5715, 49.8069, 48.9623 by changing the saturation by 10% instead.


 52.5715, 49.8069,
48.9623

 52.5715, 49.8069,
48.9623


386.9268,
385.9103, 399.2121

 37.6869, 35.2600,
34.2242


 93.1428, 89.8887,
90.0159

 25.9159, 23.8632,
22.7871


119.5602,
116.1924, 117.1684

 16.8931, 15.2322,
14.2326

150.5526,
147.1838, 149.2961

 10.2531, 8.9825,
8.1420

186.4853,
183.2473, 186.8177

 5.6307, 4.7298,
4.0969

227.7238,
224.7673, 230.1515

 2.6603, 2.0896,
1.6786

274.6332,

 0.9768, 0.6588,

272.1282, 279.7161

0.3460

327.5791,
325.7144, 335.9301

■ 0.0000, 0.0000,
0.0000

■ 52.5715, 49.8069,
48.9623

■ 52.5715, 49.8069,
48.9623

■ 46.5819, 41.0427,
37.0533

■ 59.5914, 60.0791,
62.9163

■ 41.5702, 33.7092,
27.0902

■ 67.6825, 71.9184,
79.0016

■ 37.4858, 27.7326,
18.9708

■ 76.8884, 85.3890,
97.3035

■ 34.2719, 23.0296,
12.5819

■ 82.4254, 93.4918,
108.3092

■ 31.8653, 19.5079,
7.7980

■ 30.1944, 17.0627,
4.4768

■ 29.1751, 15.5710,
2.4510

■ 28.6875, 14.8575,
1.4822

■ 28.6156, 14.7523,
1.3393

Harmonies

Analogous

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



52.8668, 49.8069, 56.7821



52.5715, 49.8069, 48.9623



50.8450, 49.8069, 43.1370

Triad

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



52.5715, 49.8069, 48.9623



43.2886, 49.8069, 45.0096



46.4683, 49.8069, 70.9548

Complementary

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



52.5715, 49.8069, 48.9623



55.6966, 64.0985, 75.0826

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.



43.9998, 49.8069, 67.0811



52.5715, 49.8069, 48.9623



42.2124, 49.8069, 51.7580

Square

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



52.5715, 49.8069, 48.9623



45.4626, 49.8069, 41.0164



42.4675, 49.8069, 59.8653



49.2684, 49.8069, 70.0173

Rectangle

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



52.5715, 49.8069, 48.9623



49.1509, 49.8069, 40.9174



42.4675, 49.8069, 59.8653



45.5740, 49.8069, 70.1589

Sweetspot

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



52.5729, 49.8092, 48.9633



89.1316, 91.3399, 97.1340



57.0604, 51.6028, 72.5988



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.



52.5729, 49.8092, 48.9633



71.9391, 66.1826, 62.9549



56.7315, 58.1265, 50.3496



13.0562, 13.0518, 13.5567



17.3224, 8.9303, 0.8107



1.1223, 0.5786, 0.0525

Inverse Universe

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



55.6966, 64.0985, 75.0826



77.3347, 90.8645, 108.0704



50.9650, 54.6352, 73.5054



13.4448, 14.8293, 16.8059



22.5983, 33.0660, 44.9297



1.4641, 2.1423, 2.9108

Previews

White Background



This preview shows how the XYZ color 52.5715, 49.8069, 48.9623 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 52.5715, 49.8069, 48.9623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

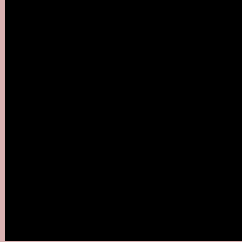
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5715, 49.8069, 48.9623

Background



This preview shows how black text looks on a background with the XYZ color 52.5715, 49.8069, 48.9623.



This preview shows how white text looks on a background with the XYZ color 52.5715, 49.8069, 48.9623.

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

52.5715, 49.8069, 48.9623

Protanopia

48.0558, 50.1660, 51.9499

Deuteranopia

50.7542, 49.7774, 48.5279



Tritanopia

53.7330, 49.6738, 55.4712

Trichromacy



Original Color

52.5715, 49.8069, 48.9623

Protanomaly

49.5684, 50.0347, 50.7612

Deuteranomaly

51.4084, 49.8139, 48.5005

Tritanomaly

53.4985, 49.8949, 53.2654

Monochromacy



Original Color

52.5715, 49.8069, 48.9623

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.2412, 50.9423, 53.6392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5715, 49.8069, 48.9623 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(217, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(217, 178, 178)  
}
```

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(217, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 178, 178) }
```

Border

The CSS property to change the border of an element to XYZ 52.5715, 49.8069, 48.9623 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(217, 178, 178) }
```


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

```
.border{ border-color:rgb(217, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 178, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 178, 178); box-shadow:4px 4px 4px 4px rgb(217, 178, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5715, 49.8069, 48.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 178, 178) }
```

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

```
.background{ background-color: rgb(217,  
178, 178) }
```

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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