

Converting Colors

XYZ(52.8255, 48.5515, 54.4247)

Have a look what the booklet for
XYZ(52.8255, 48.5515, 54.4247)
contains.

XYZ(52.8284, 48.6547, 54.1839)	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(52.8284, 48.6547,
54.1839)**

Conversions

Conversions Part 1

Format	Color
Hex	D9AEBC
RGB	217, 174, 188
RGB Percent	85%, 68%, 74%
CMY	0.1490, 0.3176, 0.2627
CMYK	0.00, 0.20, 0.13, 0.15
HSL	340°, 36%, 77%
HSV	340°, 20%, 85%
XYZ	52.8284, 48.6547, 54.1839
YIQ	188.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

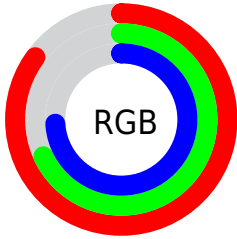
Format	Color
R _{YB}	217, 174, 188
Decimal	14266044
CIE Lab	75.24, 17.84, -1.19
CIE LCh	75, 17.880, 356.197
Yxy	48.6547, 0.3394, 0.3126
Android (android.graphics.Color)	4292456124 (0xFFD9AEBC)
YUV	188.4530, -0.2233, 25.0357
Hunter-Lab	69.7529, 13.1220, 2.7707

Details

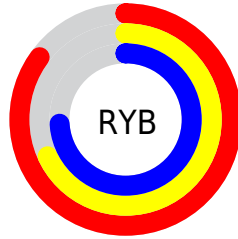
The XYZ color **52.8284, 48.6547, 54.1839** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.0498, 62.9373, 65.8550**, and the grayscale version is **48.0516, 50.5540, 55.0533**.

A 20% lighter version of the original color is **85.8659, 84.3853, 97.3503**, and **26.1108, 23.1054, 26.0053** is the 20% darker color. If you saturate the color by 10%, you get **47.4715, 40.3388, 45.0047**, and if you desaturate by 10%, it is **59.0253, 58.3934, 64.4337**.

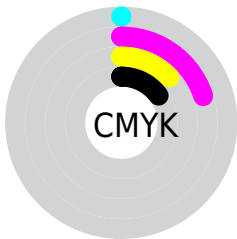
Distribution



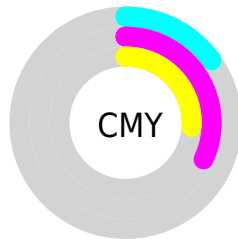
- Red (85%)
- Green (68%)
- Blue (74%)



- Red (85%)
- Yellow (68%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (15%)





- Cyan (15%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8284, 48.6547, 54.1839 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 52.8284, 48.6547, 54.1839 by changing the saturation by 10% instead.


 52.8284, 48.6547,
54.1839

 52.8284, 48.6547,
54.1839


387.8981,
381.3814, 420.0053

 37.8927, 34.3456,
38.3545

 93.5188, 88.1784,
97.8033

 26.0763, 23.1593,
25.9540


120.0043,
114.1618, 126.4305

 17.0137, 14.7111,
16.5638


151.0704,
144.8055, 160.1606

 10.3396, 8.6169,
9.7653

187.0825,
180.4938, 199.4123

 5.6887, 4.4922,
5.1401

228.4060,
221.6112, 244.6041

 2.6956, 1.9525,
2.2695

275.4062,

 0.9949, 0.5797,

268.5419, 296.1545

0.7141

328.4484,
321.6705, 354.4820

■ 0.0000, 0.0000,
0.0000

■ 52.8284, 48.6547,
54.1839

■ 52.8284, 48.6547,
54.1839

■ 47.4715, 40.3388,
45.0047

■ 59.0253, 58.3934,
64.4337

■ 42.9133, 33.3724,
36.8573

■ 66.0930, 69.6108,
75.7852

■ 39.1151, 27.6853,
29.7048

■ 74.0656, 82.3677,
88.2718

■ 36.0331, 23.1986,
23.5068

■ 81.0940, 92.9592,
101.2978

■ 33.6190, 19.8243,
18.2199

■ 82.4255, 93.4918,
108.3092

■ 31.8180, 17.4623,
13.7968

■ 30.5659, 15.9943,
10.1850

■ 29.7543, 15.2144,
7.3147

■ 29.7412, 15.2021,
7.2673

Harmonies

Analogous

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



51.6867, 48.6547, 63.6756



52.8284, 48.6547, 54.1839



52.1386, 48.6547, 45.3954

Triad

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



52.8284, 48.6547, 54.1839



43.5158, 48.6547, 38.3646



42.8237, 48.6547, 69.4499

Complementary

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



52.8284, 48.6547, 54.1839



53.0498, 62.9373, 65.8550

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.



40.8129, 48.6547, 61.3583



52.8284, 48.6547, 54.1839



41.1990, 48.6547, 43.5488

Square

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



52.8284, 48.6547, 54.1839



46.6645, 48.6547, 36.9189



40.2323, 48.6547, 51.7876



45.8277, 48.6547, 73.1230

Rectangle

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



52.8284, 48.6547, 54.1839



50.7497, 48.6547, 40.9793



40.2323, 48.6547, 51.7876



42.0148, 48.6547, 67.1131

Sweetspot

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



52.8298, 48.6569, 54.1849



88.7445, 89.9768, 98.8206



52.2001, 47.9340, 72.1470



18.8541, 19.0355, 20.9245



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.



52.8298, 48.6569, 54.1849



72.5894, 64.5954, 72.0745



52.8147, 50.9255, 47.0931



13.2299, 13.1211, 14.4719



18.0469, 9.2198, 4.6271



1.2080, 0.6128, 0.5044

Inverse Universe

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



52.8298, 48.6569, 54.1849



72.5894, 64.5954, 72.0745



52.9870, 60.0207, 74.4385



13.2299, 13.1211, 14.4719



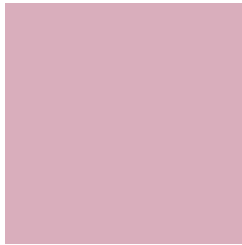
18.0469, 9.2198, 4.6271



1.2080, 0.6128, 0.5044

Previews

White Background



This preview shows how the XYZ color 52.8284, 48.6547, 54.1839 looks on a white background.

Color Contrast Check

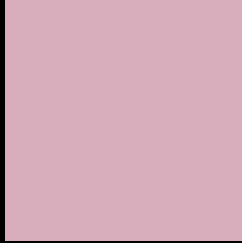
Large Text (above 18pt) WCAG AA × Fail

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 52.8284, 48.6547, 54.1839 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 52.8284, 48.6547, 54.1839

Background



This preview shows how black text looks on a background with the XYZ color 52.8284, 48.6547, 54.1839.



This preview shows how white text looks on a background with the XYZ color 52.8284, 48.6547,

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

52.8284, 48.6547, 54.1839

Protanopia

47.1278, 48.6151, 57.9387

Deuteranopia

49.9195, 48.9269, 53.8265



Tritanopia

52.8284, 48.6547, 54.1839

Trichromacy



Original Color

52.8284, 48.6547, 54.1839

Protanomaly

48.8616, 48.3186, 56.6203

Deuteranomaly

50.9025, 48.8385, 53.7576

Tritanomaly

52.8284, 48.6547, 54.1839

Monochromacy



Original Color

52.8284, 48.6547, 54.1839

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.5638, 49.6399, 54.5461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8284, 48.6547, 54.1839 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, 174, 188)` looks like.

```
.text, #text, p{  
    color:rgb(217, 174, 188)  
}
```

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, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 174, 188) }
```

Border

The CSS property to change the border of an element to XYZ 52.8284, 48.6547, 54.1839 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, 174, 188) }
```


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

```
.border{ border-color:rgb(217, 174, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 174, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 174, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 174, 188);  
box-shadow:4px 4px 4px 4px rgb(217, 174,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8284, 48.6547, 54.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 174, 188) }
```

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

```
.background{ background-color: rgb(217,  
174, 188) }
```

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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