

Converting Colors

XYZ(52.8304, 48.1476, 46.7481)

Have a look what the booklet for
XYZ(52.8304, 48.1476, 46.7481)
contains.

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Color

**XYZ(52.8239, 48.2490,
46.5733)**

Conversions

Conversions Part 1

Format	Color
Hex	DFACAE
RGB	223, 172, 174
RGB Percent	87%, 67%, 68%
CMY	0.1255, 0.3255, 0.3176
CMYK	0.00, 0.23, 0.22, 0.13
HSL	358°, 44%, 77%
HSV	358°, 23%, 87%
XYZ	52.8239, 48.2490, 46.5733
YIQ	187.4770, 29.7540, 11.4340

Conversions

Conversions Part 2

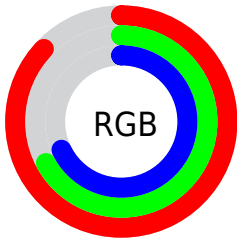
Format	Color
R _Y B	223, 172, 174
Decimal	14658734
CIE Lab	74.98, 18.92, 6.17
CIE LCh	75, 19.906, 18.067
Yxy	48.2490, 0.3578, 0.3268
Android (android.graphics.Color)	4292848814 (0xFFDFACAE)
YUV	187.4770, -6.6442, 31.1537
Hunter-Lab	69.4615, 14.1876, 8.8696

Details

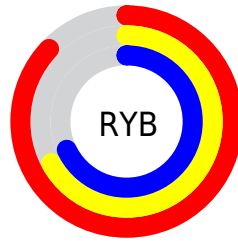
The XYZ color **52.8239, 48.2490, 46.5733** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4540, 66.7675, 78.3218**, and the grayscale version is **47.5292, 50.0044, 54.4548**.

A 20% lighter version of the original color is **83.1263, 82.4039, 85.6531**, and **26.0460, 22.8143, 21.4432** is the 20% darker color. If you saturate the color by 10%, you get **47.0056, 39.6927, 35.1369**, and if you desaturate by 10%, it is **59.6903, 58.3673, 60.0042**.

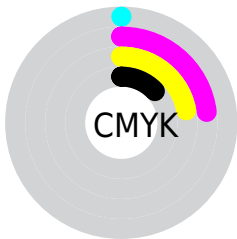
Distribution



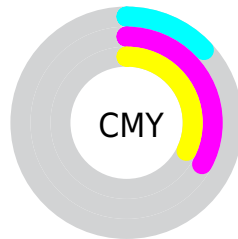
- Red (87%)
- Green (67%)
- Blue (68%)



- Red (87%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (13%)





- Cyan (13%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8239, 48.2490, 46.5733 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 52.8239, 48.2490, 46.5733 by changing the saturation by 10% instead.


 52.8239, 48.2490,
46.5733

 52.8239, 48.2490,
46.5733


387.8811,
379.7783, 389.4531

 37.8891, 34.0241,
32.3465


 93.5122, 87.5750,
86.4196

 26.0735, 22.9121,
21.3593

119.9965,
113.4450, 112.8763

 17.0116, 14.5286,
13.1931


151.0613,
143.9654, 144.2467

 10.3381, 8.4892,
7.4294

187.0721,
179.5206, 180.9493

 5.6877, 4.4096,
3.6496

228.3940,
220.4952, 223.4027

 2.6950, 1.9052,
1.4351

275.3926,

 0.9946, 0.5515,

267.2733, 272.0254

0.1689

328.4332,
320.2396, 327.2360

■ 0.0000, 0.0000,
0.0000

■ 52.8239, 48.2490,
46.5733

■ 52.8239, 48.2490,
46.5733

■ 47.0056, 39.6927,
35.1369

■ 59.6903, 58.3673,
60.0042

■ 42.1801, 32.6144,
25.5970

■ 67.6485, 70.1129,
75.5151

■ 38.2931, 26.9324,
17.8521

■ 76.7447, 83.5555,
93.1901

■ 35.2835, 22.5542,
11.7899

■ 84.2415, 94.4280,
108.3942

■ 33.0831, 19.3766,
7.2854

■ 31.6134, 17.2803,
4.1963

■ 30.7804, 16.1218,
2.3542

■ 30.4794, 15.7072,
1.6760

Harmonies

Analogous

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



53.0367, 48.2490, 56.7798



52.8239, 48.2490, 46.5733



50.6861, 48.2490, 39.0168

Triad

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



52.8239, 48.2490, 46.5733



40.8578, 48.2490, 40.2710



44.4304, 48.2490, 74.6329

Complementary

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



52.8239, 48.2490, 46.5733



56.4540, 66.7675, 78.3218

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.



41.3490, 48.2490, 68.8623



52.8239, 48.2490, 46.5733



39.3604, 48.2490, 48.5071

Square

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



52.8239, 48.2490, 46.5733



43.7274, 48.2490, 35.7226



39.5353, 48.2490, 58.9848



48.0593, 48.2490, 73.9351

Rectangle

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



52.8239, 48.2490, 46.5733



48.5175, 48.2490, 36.0807



39.5353, 48.2490, 58.9848



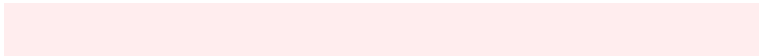
43.2999, 48.2490, 73.3570

Sweetspot

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



52.8252, 48.2512, 46.5743



86.9780, 88.0794, 93.1891



57.7247, 50.1209, 76.4442



18.4755, 18.6440, 19.6709



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.



52.8252, 48.2512, 46.5743



67.9990, 60.1084, 56.0739



57.3831, 57.6760, 47.1407



13.7289, 13.7092, 14.3424



17.9309, 9.2394, 1.0361



1.2506, 0.6435, 0.1127

Inverse Universe

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



52.8252, 48.2512, 46.5743



67.9990, 60.1084, 56.0739



51.0003, 55.4320, 77.8237



13.7289, 13.7092, 14.3424



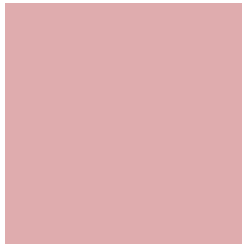
17.9309, 9.2394, 1.0361



1.2506, 0.6435, 0.1127

Previews

White Background



This preview shows how the XYZ color 52.8239, 48.2490, 46.5733 looks on a white background.

Color Contrast Check

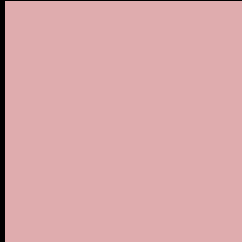
Large Text (above 18pt) WCAG AA × Fail

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 52.8239, 48.2490, 46.5733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

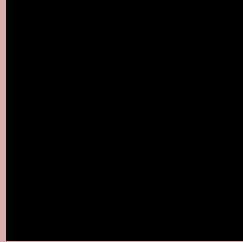
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8239, 48.2490, 46.5733

Background



This preview shows how black text looks on a background with the XYZ color 52.8239, 48.2490, 46.5733.



This preview shows how white text looks on a background with the XYZ color 52.8239, 48.2490,

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

52.8239, 48.2490, 46.5733

Protanopia

46.4672, 48.4360, 50.6161

Deuteranopia

49.1953, 48.1233, 46.2310



Tritanopia

53.7669, 48.0574, 51.7896

Trichromacy



Original Color

52.8239, 48.2490, 46.5733

Protanomaly

48.4445, 48.2744, 48.8841

Deuteranomaly

50.5087, 48.2139, 46.1793

Tritanomaly

53.5416, 48.2684, 49.6748

Monochromacy



Original Color

52.8239, 48.2490, 46.5733

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.9909, 49.1127, 51.1536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8239, 48.2490, 46.5733 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(223, 172, 174)` looks like.

```
.text, #text, p{  
    color:rgb(223, 172, 174)  
}
```

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(223, 172, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 172, 174) }
```

Border

The CSS property to change the border of an element to XYZ 52.8239, 48.2490, 46.5733 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(223, 172, 174) }
```


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

```
.border{ border-color:rgb(223, 172, 174) }
```

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

Here you see how a box with a 4 pixel rgb(223, 172, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 172, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 172, 174);  
box-shadow:4px 4px 4px 4px rgb(223, 172,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8239, 48.2490, 46.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 172, 174) }
```

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

```
.background{ background-color: rgb(223,  
172, 174) }
```

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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