

Converting Colors

XYZ(48.5017, 41.7081, 40.3650)

Have a look what the booklet for
XYZ(48.5017, 41.7081, 40.3650)
contains.

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Color

**XYZ(48.4564, 41.6166,
40.1292)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9BA3
RGB	222, 155, 163
RGB Percent	87%, 61%, 64%
CMY	0.1294, 0.3921, 0.3608
CMYK	0.00, 0.30, 0.27, 0.13
HSL	353°, 50%, 74%
HSV	353°, 30%, 87%
XYZ	48.4564, 41.6166, 40.1292
YIQ	175.9450, 37.3640, 16.6920

Conversions

Conversions Part 2

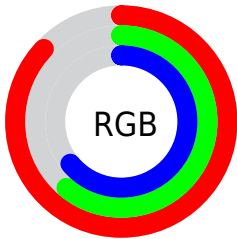
Format	Color
R _Y B	222, 155, 163
Decimal	14588835
CIE Lab	70.61, 26.13, 5.93
CIE LCh	71, 26.793, 12.779
Yxy	41.6166, 0.3722, 0.3196
Android (android.graphics.Color)	4292778915 (0xFFDE9BA3)
YUV	175.9450, -6.3819, 40.3902
Hunter-Lab	64.5109, 21.1834, 8.2761

Details

The XYZ color **48.4564, 41.6166, 40.1292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.7782, 64.0671, 73.2587**, and the grayscale version is **41.2577, 43.4063, 47.2695**.

A 20% lighter version of the original color is **76.9415, 72.4151, 76.2519**, and **23.2365, 18.8475, 17.4522** is the 20% darker color. If you saturate the color by 10%, you get **43.4774, 34.2483, 30.4850**, and if you desaturate by 10%, it is **54.3877, 50.4555, 51.4278**.

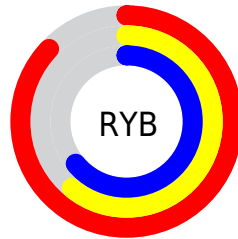
Distribution



Red (87%)

Green (61%)

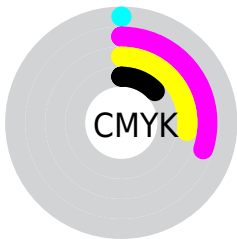
Blue (64%)



Red (87%)

Yellow (61%)

Blue (64%)

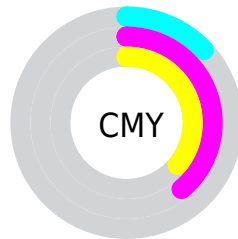


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (13%)



Cyan (13%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4564, 41.6166, 40.1292 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 48.4564, 41.6166, 40.1292 by changing the saturation by 10% instead.


 48.4564, 41.6166,
40.1292


 48.4564, 41.6166,
40.1292


371.1509,
352.8911, 362.2361

 34.4012, 28.8012,
27.3247


 87.0891, 77.6190,
76.5995

 23.3663, 18.9305,
17.5827


 112.3974,
101.5749, 101.1023

 14.9864, 11.6201,
10.4845


142.1874,
130.0129, 130.3418

 8.8961, 6.4855,
5.6115

176.8245,
163.3177, 164.7363

 4.7300, 3.1425,
2.5454

216.6740,
201.8735, 204.7044

 2.1229, 1.2066,
0.8641

262.1014,

 0.7016, 0.0671,

246.0647, 250.6648

0.0000

313.4719,
296.2758, 303.0358

■ 0.0000, 0.0000,
0.0000

■ 48.4564, 41.6166,
40.1292

■ 48.4564, 41.6166,
40.1292

■ 43.4774, 34.2483,
30.4850

■ 54.3877, 50.4555,
51.4278

■ 39.3976, 28.2653,
22.4149

■ 61.3140, 60.8325,
64.4508

■ 36.1639, 23.5824,
15.8358

■ 69.2793, 72.8183,
79.2674

■ 33.7163, 20.1028,
10.6557

■ 78.3241, 86.4772,
95.9420

■ 31.9865, 17.7160,
6.7725

■ 83.9343, 94.2697,
108.3798

■ 30.8947, 16.2909,
4.0698

■ 30.3164, 15.6065,
2.4210

Harmonies

Analogous

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



48.2611, 41.6166, 52.9252



48.4564, 41.6166, 40.1292



46.1418, 41.6166, 30.6836

Triad

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



48.4564, 41.6166, 40.1292



34.0481, 41.6166, 29.6644



37.0870, 41.6166, 72.8336

Complementary

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



48.4564, 41.6166, 40.1292



51.7782, 64.0671, 73.2587

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.



33.6275, 41.6166, 63.9811



48.4564, 41.6166, 40.1292



31.9650, 41.6166, 38.4688

Square

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



48.4564, 41.6166, 40.1292



37.7011, 41.6166, 25.4452



31.8170, 41.6166, 50.9259



41.4694, 41.6166, 73.5070

Rectangle

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



48.4564, 41.6166, 40.1292



43.5805, 41.6166, 26.8995



31.8170, 41.6166, 50.9259



35.7860, 41.6166, 70.6494

Sweetspot

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



48.4575, 41.6186, 40.1300



85.0756, 84.9873, 90.3578



52.3674, 42.8747, 74.6231



17.8884, 17.7083, 18.7398



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.



48.4575, 41.6186, 40.1300



62.0279, 50.5875, 46.6193



52.2758, 50.3657, 37.9791



13.7734, 13.7270, 14.5771



18.0285, 9.2784, 1.5501



1.2719, 0.6520, 0.2249

Inverse Universe

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



48.4575, 41.6186, 40.1300



62.0279, 50.5875, 46.6193



46.7688, 52.3737, 76.7517



13.7734, 13.7270, 14.5771



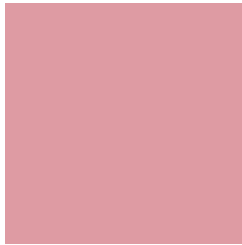
18.0285, 9.2784, 1.5501



1.2719, 0.6520, 0.2249

Previews

White Background



This preview shows how the XYZ color 48.4564, 41.6166, 40.1292 looks on a white background.

Color Contrast Check

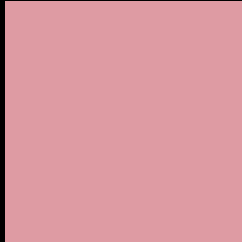
Large Text (above 18pt) WCAG AA × Fail

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 48.4564, 41.6166, 40.1292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

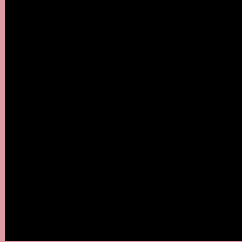
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4564, 41.6166, 40.1292

Background



This preview shows how black text looks on a background with the XYZ color 48.4564, 41.6166, 40.1292.



This preview shows how white text looks on a background with the XYZ color 48.4564, 41.6166,

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

48.4564, 41.6166, 40.1292

Protanopia

40.1998, 41.7523, 45.4754

Deuteranopia

42.4999, 41.6800, 39.5233



Tritanopia

48.5627, 41.3940, 41.5067

Trichromacy



Original Color

48.4564, 41.6166, 40.1292

Protanomaly

42.7900, 41.4745, 43.2862

Deuteranomaly

44.5206, 41.6404, 39.8733

Tritanomaly

48.4713, 41.3574, 41.0254

Monochromacy



Original Color

48.4564, 41.6166, 40.1292

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.3456, 42.2830, 44.4049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4564, 41.6166, 40.1292 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(222, 155, 163)` looks like.

```
.text, #text, p{  
    color:rgb(222, 155, 163)  
}
```

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(222, 155, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 155, 163) }
```

Border

The CSS property to change the border of an element to XYZ 48.4564, 41.6166, 40.1292 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(222, 155, 163) }
```


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

```
.border{ border-color:rgb(222, 155, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 155, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(222, 155,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4564, 41.6166, 40.1292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 155, 163) }
```

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

```
.background{ background-color: rgb(222,  
155, 163) }
```

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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