

Converting Colors

XYZ(50.2802, 45.1202, 41.1810)

Have a look what the booklet for
XYZ(50.2802, 45.1202, 41.1810)
contains.

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Color

**XYZ(50.2802, 45.1202,
41.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA5A4
RGB	222, 165, 164
RGB Percent	87%, 65%, 64%
CMY	0.1294, 0.3529, 0.3569
CMYK	0.00, 0.26, 0.26, 0.13
HSL	1°, 47%, 76%
HSV	1°, 26%, 87%
XYZ	50.2802, 45.1202, 41.1810
YIQ	181.9290, 34.2930, 11.7730

Conversions

Conversions Part 2

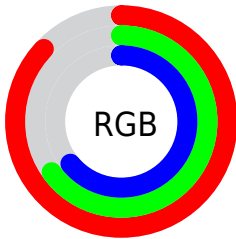
Format	Color
R _Y B	222, 165, 164
Decimal	14591396
CIE Lab	72.97, 20.88, 8.76
CIE LCh	73, 22.648, 22.762
Yxy	45.1202, 0.3681, 0.3304
Android (android.graphics.Color)	4292781476 (0xFFDEA5A4)
YUV	181.9290, -8.8390, 35.1423
Hunter-Lab	67.1716, 16.0631, 10.6711

Details

The XYZ color **50.2802, 45.1202, 41.1810** is a light color, and the websafe version is hex **CC9999**, and the color name is **pastel pink**. A complement of this color would be **54.3504, 64.8775, 78.7656**, and the grayscale version is **44.4593, 46.7747, 50.9376**.

A 20% lighter version of the original color is **79.6194, 77.5609, 77.7922**, and **24.5556, 21.0871, 18.1052** is the 20% darker color. If you saturate the color by 10%, you get **44.8429, 37.1787, 30.3257**, and if you desaturate by 10%, it is **56.7411, 54.5482, 54.1049**.

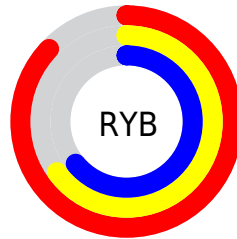
Distribution



Red (87%)

Green (65%)

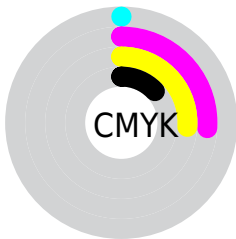
Blue (64%)



Red (87%)

Yellow (65%)

Blue (64%)

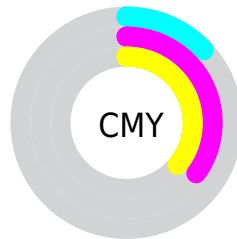


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2802, 45.1202, 41.1810 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 50.2802, 45.1202, 41.1810 by changing the saturation by 10% instead.


 50.2802, 45.1202,
41.1810


 50.2802, 45.1202,
41.1810


378.1946,
367.2602, 366.7756

 35.8548, 31.5521,
28.1398


 89.7792, 82.9008,
78.2152

 24.4917, 21.0196,
18.1911

 115.5836,
107.8820, 103.0453

 15.8254, 13.1384,
10.9164


145.9116,
137.4365, 132.6421

 9.4908, 7.5239,
5.8972

181.1287,
171.9485, 167.4242

 5.1223, 3.7918,
2.7149

221.6002,
211.8024, 207.8100

 2.3547, 1.5578,
0.9509

267.6914,

 0.8224, 0.3289,

257.3828, 254.2181

0.0000

319.7678,
309.0739, 307.0671

0.0000, 0.0000,
0.0000

50.2802, 45.1202,
41.1810

50.2802, 45.1202,
41.1810

44.8429, 37.1787,
30.3257

56.7411, 54.5482,
54.1049

40.3733, 30.6419,
21.4292

64.2704, 65.5264,
69.1942

36.8157, 25.4301,
14.3757

72.9148, 78.1225,
86.5426

34.1074, 21.4527,
9.0359

82.7170, 92.3982,
106.2377

32.1776, 18.6080,
5.2640

83.9343, 94.2697,
108.3798

■ 30.9443, 16.7780,
2.8901

■ 30.3065, 15.8187,
1.7030

■ 30.1661, 15.6131,
1.4237

Harmonies

Analogous

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



50.8731, 45.1202, 51.9213



50.2802, 45.1202, 41.1810



47.6495, 45.1202, 33.7609

Triad

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



50.2802, 45.1202, 41.1810



37.1164, 45.1202, 37.1018



41.9352, 45.1202, 74.0311

Complementary

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



50.2802, 45.1202, 41.1810



54.3504, 64.8775, 78.7656

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.



38.4499, 45.1202, 68.5681



50.2802, 45.1202, 41.1810



35.7809, 45.1202, 46.4372

Square

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



50.2802, 45.1202, 41.1810



40.0124, 45.1202, 31.6705



36.2537, 45.1202, 58.0373



45.8927, 45.1202, 72.0496

Rectangle

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



50.2802, 45.1202, 41.1810



45.1767, 45.1202, 31.1383



36.2537, 45.1202, 58.0373



40.6729, 45.1202, 72.9793

Sweetspot

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



50.2814, 45.1223, 41.1819



85.8726, 86.6249, 90.4889



56.4557, 47.3033, 74.5851



18.0346, 18.0374, 18.6754



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.



50.2814, 45.1223, 41.1819



64.8567, 55.9630, 48.4320



56.1098, 56.7792, 43.1247



13.7262, 13.7383, 14.2351



17.9263, 9.2904, 0.8484



1.2494, 0.6576, 0.0611

Inverse Universe

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



54.3504, 64.8775, 78.7656



71.2681, 87.0941, 107.6624



47.3521, 50.8809, 76.4328



14.0952, 15.5295, 17.6423



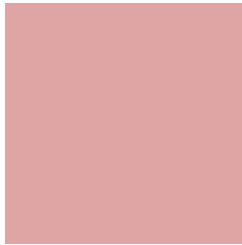
22.7566, 32.9827, 46.2153



1.5840, 2.2994, 3.2056

Previews

White Background



This preview shows how the XYZ color 50.2802, 45.1202, 41.1810 looks on a white background.

Color Contrast Check

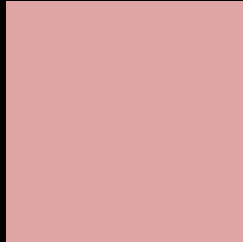
Large Text (above 18pt) WCAG AA × Fail

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 50.2802, 45.1202, 41.1810 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 50.2802, 45.1202, 41.1810

Background



This preview shows how black text looks on a background with the XYZ color 50.2802, 45.1202, 41.1810.



This preview shows how white text looks on a background with the XYZ color 50.2802, 45.1202,

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

50.2802, 45.1202, 41.1810

Protanopia

43.4784, 45.4948, 45.0179

Deuteranopia

46.1830, 45.2280, 40.9461



Tritanopia

51.3651, 45.0170, 47.0562

Trichromacy



Original Color

50.2802, 45.1202, 41.1810

Protanomaly

45.4926, 45.1050, 43.3542

Deuteranomaly

47.5639, 45.0954, 40.8477

Tritanomaly

51.1533, 45.2175, 45.0615

Monochromacy



Original Color

50.2802, 45.1202, 41.1810

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.2892, 46.0161, 46.9997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2802, 45.1202, 41.1810 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, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(222, 165, 164)  
}
```

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, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 165, 164) }
```

Border

The CSS property to change the border of an element to XYZ 50.2802, 45.1202, 41.1810 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, 165, 164) }
```


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

```
.border{ border-color:rgb(222, 165, 164) }
```

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

Here you see how a box with a 4 pixel rgb(222, 165, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(222, 165,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2802, 45.1202, 41.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 165, 164) }
```

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

```
.background{ background-color: rgb(222,  
165, 164) }
```

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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