

Converting Colors

XYZ(52.3660, 46.5966, 50.1849)

Have a look what the booklet for
XYZ(52.3660, 46.5966, 50.1849)
contains.

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Color

**XYZ(52.2834, 46.5032,
49.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA7B5
RGB	222, 167, 181
RGB Percent	87%, 65%, 71%
CMY	0.1294, 0.3451, 0.2902
CMYK	0.00, 0.25, 0.18, 0.13
HSL	345°, 45%, 76%
HSV	345°, 25%, 87%
XYZ	52.2834, 46.5032, 49.9364
YIQ	185.0410, 28.2860, 16.0140

Conversions

Conversions Part 2

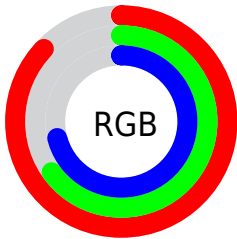
Format	Color
R _Y B	222, 167, 181
Decimal	14591925
CIE Lab	73.87, 22.31, 0.71
CIE LCh	74, 22.317, 1.836
Yxy	46.5032, 0.3515, 0.3127
Android (android.graphics.Color)	4292782005 (0xFFDEA7B5)
YUV	185.0410, -1.9922, 32.4130
Hunter-Lab	68.1933, 17.5168, 4.3185

Details

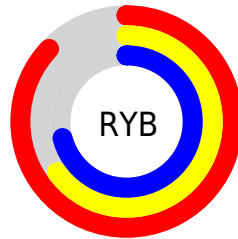
The XYZ color **52.2834, 46.5032, 49.9364** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.4447, 65.0133, 69.4097**, and the grayscale version is **46.1377, 48.5404, 52.8605**.

A 20% lighter version of the original color is **82.6473, 79.6170, 91.1324**, and **25.7529, 21.9270, 23.2971** is the 20% darker color. If you saturate the color by 10%, you get **46.9617, 38.4177, 40.2759**, and if you desaturate by 10%, it is **58.5076, 56.0699, 60.8941**.

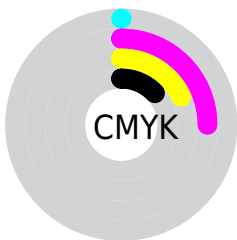
Distribution



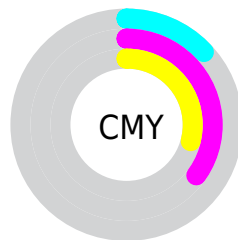
- Red (87%)
- Green (65%)
- Blue (71%)



- Red (87%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2834, 46.5032, 49.9364 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 52.2834, 46.5032, 49.9364 by changing the saturation by 10% instead.


 52.2834, 46.5032,
49.9364


 52.2834, 46.5032,
49.9364


385.8357,
372.8280, 403.1451

 37.4562, 32.6431,
34.9920

 92.7208, 84.9716,
91.4760

 25.7362, 21.8532,
23.3732

 119.0617,
110.3486, 118.9083

 16.7580, 13.7491,
14.6615


149.9713,
140.3335, 151.3403

 10.1564, 7.9463,
8.4382

185.8148,
175.3105, 189.1906

 5.5658, 4.0606,
4.2848

226.9576,
215.6640, 232.8776

 2.6210, 1.7075,
1.7829

273.7652,

 0.9567, 0.4285,

261.7785, 282.8201

0.4166

326.6028,
314.0384, 339.4364

■ 0.0000, 0.0000,
0.0000

■ 52.2834, 46.5032,
49.9364

■ 52.2834, 46.5032,
49.9364

■ 46.9617, 38.4177,
40.2759

■ 58.5076, 56.0699,
60.8941

■ 42.4959, 31.7328,
31.8609

■ 65.6702, 67.1802,
73.1924

■ 38.8410, 26.3702,
24.6401

■ 73.8098, 79.9009,
86.8762

■ 35.9464, 22.2409,
18.5576

■ 82.7042, 93.7776,
101.9016

■ 33.7552, 19.2451,
13.5526

■ 83.9344, 94.2697,
108.3798

■ 32.2024, 17.2673,
9.5583

■ 31.2096, 16.1665,
6.4991

■ 30.8504, 15.8201,
5.2330

Harmonies

Analogous

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



51.2826, 46.5032, 61.6786



52.2834, 46.5032, 49.9364



51.0128, 46.5032, 39.9480

Triad

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



52.2834, 46.5032, 49.9364



40.2915, 46.5032, 34.2286



40.6913, 46.5032, 72.4749

Complementary

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



52.2834, 46.5032, 49.9364



53.4447, 65.0133, 69.4097

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.



38.0223, 46.5032, 63.0737



52.2834, 46.5032, 49.9364



37.8014, 46.5032, 40.9936

Square

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



52.2834, 46.5032, 49.9364



43.9556, 46.5032, 31.7637



36.9957, 46.5032, 51.3382



44.4451, 46.5032, 75.8003

Rectangle

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



52.2834, 46.5032, 49.9364



49.0904, 46.5032, 35.3067



36.9957, 46.5032, 51.3382



39.6455, 46.5032, 69.8574

Sweetspot

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



52.2847, 46.5053, 49.9374



87.5485, 88.3076, 96.1933



52.8305, 46.2271, 75.2460



18.6072, 18.6967, 20.3643



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.



52.2847, 46.5053, 49.9374



67.4495, 57.3759, 60.9267



53.3884, 50.8969, 43.5720



13.8496, 13.7575, 14.9784



18.3626, 9.4120, 3.3091



1.3087, 0.6667, 0.4182

Inverse Universe

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



52.2847, 46.5053, 49.9374



67.4495, 57.3759, 60.9267



51.9642, 59.1737, 77.7906



13.8496, 13.7575, 14.9784



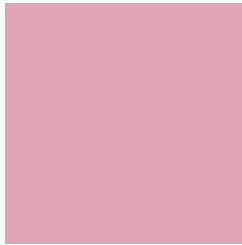
18.3626, 9.4120, 3.3091



1.3087, 0.6667, 0.4182

Previews

White Background



This preview shows how the XYZ color 52.2834, 46.5032, 49.9364 looks on a white background.

Color Contrast Check

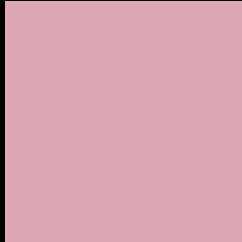
Large Text (above 18pt) WCAG AA × Fail

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 52.2834, 46.5032, 49.9364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

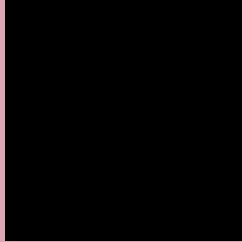
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2834, 46.5032, 49.9364

Background



This preview shows how black text looks on a background with the XYZ color 52.2834, 46.5032, 49.9364.



This preview shows how white text looks on a background with the XYZ color 52.2834, 46.5032,

49.9364.

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

52.2834, 46.5032, 49.9364

Protanopia

45.2376, 46.7891, 54.7910

Deuteranopia

47.4814, 46.5847, 49.1370



Tritanopia

52.1811, 46.4623, 49.3979

Trichromacy



Original Color

52.2834, 46.5032, 49.9364

Protanomaly

47.4142, 46.4662, 52.9242

Deuteranomaly

49.1942, 46.5923, 49.5804

Tritanomaly

52.1811, 46.4623, 49.3979

Monochromacy



Original Color

52.2834, 46.5032, 49.9364

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.8608, 47.3072, 51.9561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2834, 46.5032, 49.9364 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, 167, 181)` looks like.

```
.text, #text, p{  
    color:rgb(222, 167, 181)  
}
```

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, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 167, 181) }
```

Border

The CSS property to change the border of an element to XYZ 52.2834, 46.5032, 49.9364 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, 167, 181) }
```


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

```
.border{ border-color:rgb(222, 167, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 167, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 167, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 167, 181); box-shadow:4px 4px 4px 4px rgb(222, 167, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2834, 46.5032, 49.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 167, 181) }
```

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

```
.background{ background-color: rgb(222,  
167, 181) }
```

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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