

Converting Colors

XYZ(48.4222, 46.1821, 25.3926)

Have a look what the booklet for
XYZ(48.4222, 46.1821, 25.3926)
contains.

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Color

**XYZ(48.3252, 46.1107,
25.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	DEAB7C
RGB	222, 171, 124
RGB Percent	87%, 67%, 49%
CMY	0.1294, 0.3294, 0.5137
CMYK	0.00, 0.23, 0.44, 0.13
HSL	29°, 60%, 68%
HSV	29°, 44%, 87%
XYZ	48.3252, 46.1107, 25.4220
YIQ	180.8910, 45.4830, -3.8050

Conversions

Conversions Part 2

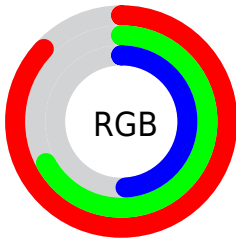
Format	Color
RYB	222, 214, 124
Decimal	14592892
CIELab	73.62, 12.79, 31.36
CIElCh	74, 33.866, 67.815
Yxy	46.1107, 0.4032, 0.3847
Android (android.graphics.Color)	4292782972 (0xFFDEAB7C)
YUV	180.8910, -28.0473, 36.0526
Hunter-Lab	67.9049, 8.1979, 25.3366

Details

The XYZ color **48.3252, 46.1107, 25.4220** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.8263, 40.2172, 74.9288**, and the grayscale version is **43.9927, 46.2837, 50.4030**.

A 20% lighter version of the original color is **76.3722, 78.8270, 52.7849**, and **23.3499, 21.6874, 9.4340** is the 20% darker color. If you saturate the color by 10%, you get **44.9889, 41.4377, 18.1460**, and if you desaturate by 10%, it is **52.1705, 51.2960, 34.4278**.

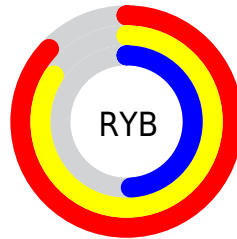
Distribution



Red (87%)

Green (67%)

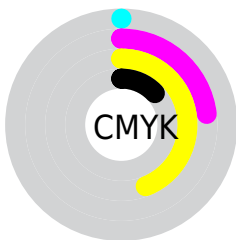
Blue (49%)



Red (87%)

Yellow (84%)

Blue (49%)

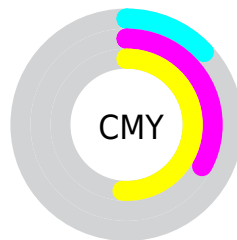


Cyan (0%)

Magenta (23%)

Yellow (44%)

Black (13%)



Cyan (13%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3252, 46.1107, 25.4220 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 48.3252, 46.1107, 25.4220 by changing the saturation by 10% instead.


 48.3252, 46.1107,
25.4220


 48.3252, 46.1107,
25.4220


370.6409,
371.2535, 293.4477


 34.2968, 32.3332,
16.1699


 86.8952, 84.3846,
53.3136

 23.2857, 21.6161,
9.4888


 112.1675,
109.6499, 72.7901

 14.9264, 13.5751,
4.9602


 141.9184,
139.5131, 96.5119

 8.8538, 7.8257,
2.1656

176.5134,
174.3588, 124.8974

 4.7023, 3.9836,
0.6544

216.3178,
214.5713, 158.3652

 2.1066, 1.6644,
0.0000

261.6969,

 0.6928, 0.4005,

260.5349, 197.3338

0.0000

313.0162,
312.6342, 242.2218

■ 0.0000, 0.0000,
0.0000

■ 48.3252, 46.1107,
25.4220

■ 48.3252, 46.1107,
25.4220

■ 44.9889, 41.4377,
18.1460

■ 52.1705, 51.2960,
34.4278

■ 42.1320, 37.2520,
12.4822

■ 56.5457, 57.0041,
45.2648

■ 39.7263, 33.5362,
8.3030


■ 61.4742, 63.2534,
58.0297

■ 37.7386, 30.2684,
5.4592


■ 66.9771, 70.0594,
72.8115


■ 36.1295, 27.4240,
3.7700

■ 73.0741, 77.4366,
89.6937

 35.3279, 25.9371,
3.1444

 79.4276, 85.2566,
106.8776

 82.9434, 92.2881,
108.0495

 83.9341, 94.2696,
108.3798

Harmonies

Analogous

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



53.5786, 46.1107, 32.5641



48.3252, 46.1107, 25.4220



42.2780, 46.1107, 24.0882

Triad

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



48.3252, 46.1107, 25.4220



33.3699, 46.1107, 54.8308



51.2810, 46.1107, 81.0634

Complementary

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



48.3252, 46.1107, 25.4220



36.8263, 40.2172, 74.9288

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.



45.4130, 46.1107, 90.5294



48.3252, 46.1107, 25.4220



35.3365, 46.1107, 73.2894

Square

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



48.3252, 46.1107, 25.4220



33.9960, 46.1107, 38.7442



39.6167, 46.1107, 87.3998



55.3907, 46.1107, 63.7326

Rectangle

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



48.3252, 46.1107, 25.4220



38.6651, 46.1107, 26.3025



39.6167, 46.1107, 87.3998



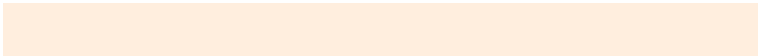
49.4287, 46.1107, 85.4317

Sweetspot

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



48.3263, 46.1129, 25.4229



84.9066, 87.5296, 81.4217



45.1949, 33.0904, 45.2181



17.8340, 18.3099, 16.5317



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.



48.3263, 46.1129, 25.4229



61.9019, 57.1742, 25.4947



59.0243, 67.5087, 28.9889



14.2469, 14.7798, 14.4087



21.0942, 15.6262, 1.9044



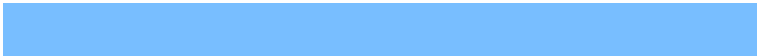
1.5514, 1.2617, 0.1618

Inverse Universe

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



36.8263, 40.2172, 74.9288



44.2265, 48.1055, 101.5620



29.1212, 24.8072, 72.3605



13.5391, 14.4174, 17.4569



11.6203, 10.7103, 42.5032



0.8950, 0.9215, 2.9759

Previews

White Background



This preview shows how the XYZ color 48.3252, 46.1107, 25.4220 looks on a white background.

Color Contrast Check

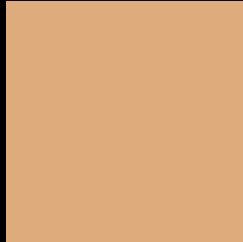
Large Text (above 18pt) WCAG AA × Fail

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 48.3252, 46.1107, 25.4220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

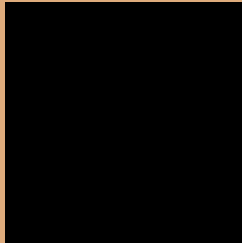
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3252, 46.1107, 25.4220

Background



This preview shows how black text looks on a background with the XYZ color 48.3252, 46.1107, 25.4220.



This preview shows how white text looks on a background with the XYZ color 48.3252, 46.1107,

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

48.3252, 46.1107, 25.4220

Protanopia

42.9258, 46.2084, 27.0787

Deuteranopia

47.1969, 46.0941, 25.4783



Tritanopia

52.8898, 46.0561, 47.6971

Trichromacy



Original Color

48.3252, 46.1107, 25.4220

Protanomaly

44.7297, 45.9557, 26.5915

Deuteranomaly

47.6040, 46.0204, 25.4426

Tritanomaly

51.0416, 46.1136, 38.5584

Monochromacy



Original Color

48.3252, 46.1107, 25.4220

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.8323, 45.7181, 39.7193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3252, 46.1107, 25.4220 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, 171, 124)` looks like.

```
.text, #text, p{  
    color:rgb(222, 171, 124)  
}
```

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, 171, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 171, 124) }
```

Border

The CSS property to change the border of an element to XYZ 48.3252, 46.1107, 25.4220 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, 171, 124) }
```


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

```
.border{ border-color:rgb(222, 171, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 171, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 171, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 171, 124);  
box-shadow:4px 4px 4px 4px rgb(222, 171,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3252, 46.1107, 25.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 171, 124) }
```

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

```
.background{ background-color: rgb(222,  
171, 124) }
```

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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