

Converting Colors

XYZ(46.5801, 41.8794, 32.1588)

Have a look what the booklet for
XYZ(46.5801, 41.8794, 32.1588)
contains.

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Color

**XYZ(46.6456, 41.8700,
32.0088)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9F90
RGB	219, 159, 144
RGB Percent	86%, 62%, 56%
CMY	0.1412, 0.3764, 0.4353
CMYK	0.00, 0.27, 0.34, 0.14
HSL	12°, 51%, 71%
HSV	12°, 34%, 86%
XYZ	46.6456, 41.8700, 32.0088
YIQ	175.2300, 40.5750, 8.0550

Conversions

Conversions Part 2

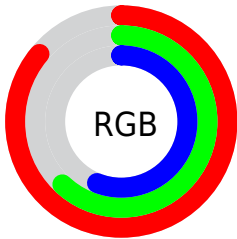
Format	Color
R _Y B	219, 163, 144
Decimal	14393232
CIE Lab	70.78, 20.33, 16.64
CIE LCh	71, 26.274, 39.292
Yxy	41.8700, 0.3870, 0.3474
Android (android.graphics.Color)	4292583312 (0xFFDB9F90)
YUV	175.2300, -15.3964, 38.3863
Hunter-Lab	64.7070, 15.4387, 15.9658

Details

The XYZ color **46.6456, 41.8700, 32.0088** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.8798, 54.2275, 75.0667**, and the grayscale version is **40.9302, 43.0617, 46.8942**.

A 20% lighter version of the original color is **75.4796, 73.4304, 63.6214**, and **22.1784, 19.0049, 13.0891** is the 20% darker color. If you saturate the color by 10%, you get **42.3294, 35.6615, 23.0976**, and if you desaturate by 10%, it is **51.7157, 49.0663, 42.7740**.

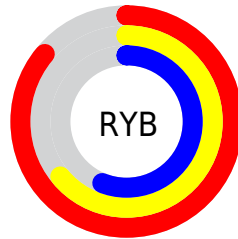
Distribution



Red (86%)

Green (62%)

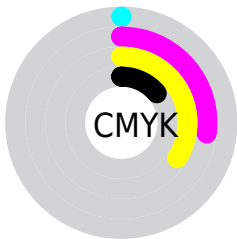
Blue (56%)



Red (86%)

Yellow (64%)

Blue (56%)

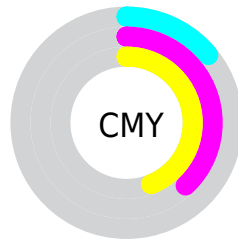


Cyan (0%)

Magenta (27%)

Yellow (34%)

Black (14%)



Cyan (14%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6456, 41.8700, 32.0088 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 46.6456, 41.8700, 32.0088 by changing the saturation by 10% instead.


 46.6456, 41.8700,
32.0088

 46.6456, 41.8700,
32.0088


364.0707,
353.9438, 325.6533

 32.9623, 28.9995,
21.1033


 84.4063, 78.0028,
63.9230

 22.2567, 19.0805,
13.0076


 109.2145,
102.0340, 85.7687

 14.1633, 11.7284,
7.3030


138.4618,
130.5541, 112.0984

 8.3168, 6.5590,
3.5710

172.5134,
163.9477, 143.3304

 4.3518, 3.1879,
1.3931

211.7347,
202.5990, 179.8834

 1.9030, 1.2306,
0.1363

256.4911,

 0.5786, 0.0865,

246.8925, 222.1758

0.0000

307.1480,
297.2127, 270.6263

0.0000, 0.0000,
0.0000

46.6456, 41.8700,
32.0088

46.6456, 41.8700,
32.0088

42.3294, 35.6615,
23.0976

51.7157, 49.0663,
42.7740

38.7271, 30.3915,
15.9327

57.5705, 57.2851,
55.4876

35.7999, 26.0155,
10.3991

64.2431, 66.5664,
70.2405

33.5038, 22.4829,
6.3668

71.7638, 76.9467,
87.1172

31.7890, 19.7376,
3.6858

80.1613, 88.4604,
106.1974

■ 30.5978, 17.7166,
2.1744

■ 83.0234, 93.8001,
108.3372

■ 30.1072, 16.8476,
1.6651

Harmonies

Analogous

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



48.6591, 41.8700, 41.8205



46.6456, 41.8700, 32.0088



42.8358, 41.8700, 26.6121

Triad

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



46.6456, 41.8700, 32.0088



32.4561, 41.8700, 37.6131



41.1656, 41.8700, 73.6359

Complementary

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



46.6456, 41.8700, 32.0088



45.8798, 54.2275, 75.0667

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.



36.9038, 41.8700, 71.9467



46.6456, 41.8700, 32.0088



32.0806, 41.8700, 49.5781

Square

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



46.6456, 41.8700, 32.0088



34.7183, 41.8700, 29.4135



33.6524, 41.8700, 62.5525



45.3465, 41.8700, 66.8173

Rectangle

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



46.6456, 41.8700, 32.0088



39.8999, 41.8700, 25.5442



33.6524, 41.8700, 62.5525



39.6926, 41.8700, 74.0680

Sweetspot

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



46.6467, 41.8720, 32.0096



85.0472, 86.1339, 86.6383



50.0860, 39.3666, 62.0856



17.9234, 18.0459, 17.9262



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.



46.6467, 41.8720, 32.0096



61.4136, 52.7411, 35.9877



54.1006, 56.7797, 34.4943



13.2659, 13.4712, 13.6266



17.9142, 10.1139, 1.0080



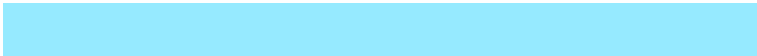
1.2219, 0.7779, 0.0857

Inverse Universe

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



45.8798, 54.2275, 75.0667



60.1572, 72.6399, 105.4580



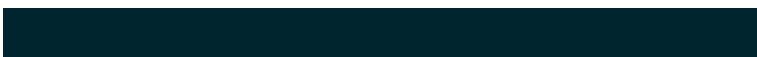
38.0155, 38.4988, 72.4452



13.2121, 14.3639, 16.7283



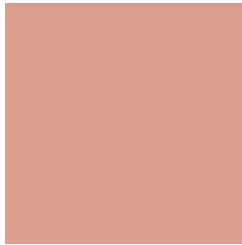
16.7721, 21.4137, 42.9877



1.1440, 1.5021, 2.8041

Previews

White Background



This preview shows how the XYZ color 46.6456, 41.8700, 32.0088 looks on a white background.

Color Contrast Check

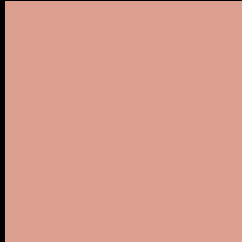
Large Text (above 18pt) WCAG AA × Fail

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 46.6456, 41.8700, 32.0088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

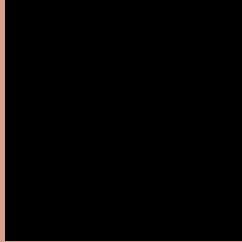
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.6456, 41.8700, 32.0088

Background



This preview shows how black text looks on a background with the XYZ color 46.6456, 41.8700, 32.0088.



This preview shows how white text looks on a background with the XYZ color 46.6456, 41.8700,

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

46.6456, 41.8700, 32.0088

Protanopia

39.8209, 42.0666, 35.2990

Deuteranopia

42.8640, 42.0381, 31.8416



Tritanopia

48.6823, 41.9391, 42.0884

Trichromacy



Original Color

46.6456, 41.8700, 32.0088

Protanomaly

41.8536, 41.7455, 33.8687

Deuteranomaly

44.2458, 41.9440, 31.7506

Tritanomaly

47.8302, 41.8328, 38.3545

Monochromacy



Original Color

46.6456, 41.8700, 32.0088

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.3747, 42.1326, 41.0210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6456, 41.8700, 32.0088 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(219, 159, 144)` looks like.

```
.text, #text, p{  
    color:rgb(219, 159, 144)  
}
```

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(219, 159, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 159, 144) }
```

Border

The CSS property to change the border of an element to XYZ 46.6456, 41.8700, 32.0088 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(219, 159, 144) }
```


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

```
.border{ border-color:rgb(219, 159, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 159, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 159, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 159, 144);  
box-shadow:4px 4px 4px 4px rgb(219, 159,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6456, 41.8700, 32.0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 159, 144) }
```

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

```
.background{ background-color: rgb(219,  
159, 144) }
```

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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