

Converting Colors

XYZ(46.7716, 40.1907, 32.0810)

Have a look what the booklet for
XYZ(46.7716, 40.1907, 32.0810)
contains.

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Color

**XYZ(46.7705, 40.1888,
32.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	DF9891
RGB	223, 152, 145
RGB Percent	87%, 60%, 57%
CMY	0.1255, 0.4039, 0.4314
CMYK	0.00, 0.32, 0.35, 0.13
HSL	5°, 55%, 72%
HSV	5°, 35%, 87%
XYZ	46.7705, 40.1888, 32.0802
YIQ	172.4310, 44.5630, 12.8750

Conversions

Conversions Part 2

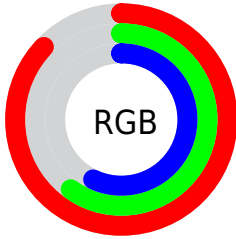
Format	Color
R _Y B	223, 153, 145
Decimal	14653585
CIE Lab	69.60, 25.76, 14.51
CIE LCh	70, 29.566, 29.390
Yxy	40.1888, 0.3929, 0.3376
Android (android.graphics.Color)	4292843665 (0xFFDF9891)
YUV	172.4310, -13.5235, 44.3490
Hunter-Lab	63.3946, 20.7509, 14.3732

Details

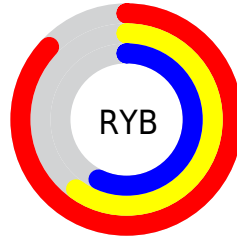
The XYZ color **46.7705, 40.1888, 32.0802** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5512, 60.4569, 78.8698**, and the grayscale version is **39.4827, 41.5388, 45.2358**.

A 20% lighter version of the original color is **73.8616, 70.0092, 63.6530**, and **22.3486, 18.0476, 13.1321** is the 20% darker color. If you saturate the color by 10%, you get **42.1997, 33.5342, 22.8895**, and if you desaturate by 10%, it is **52.2447, 48.1098, 43.2379**.

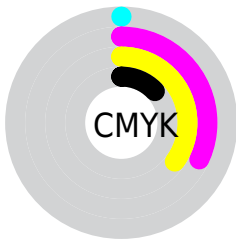
Distribution



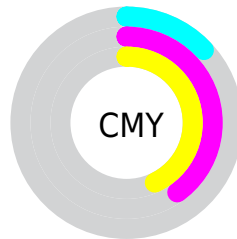
- Red (87%)
- Green (60%)
- Blue (57%)



- Red (87%)
- Yellow (60%)
- Blue (57%)



- Cyan (0%)
- Magenta (32%)
- Yellow (35%)
- Black (13%)




- Cyan (13%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7705, 40.1888, 32.0802 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 46.7705, 40.1888, 32.0802 by changing the saturation by 10% instead.


 46.7705, 40.1888,
32.0802

 46.7705, 40.1888,
32.0802


364.5619,
346.9187, 325.9884

 33.0614, 27.6858,
21.1574


 84.5918, 75.4509,
64.0362

 22.3330, 18.0889,
13.0468

 109.4347, 98.9788,
85.9064

 14.2197, 11.0139,
7.3297


138.7197,
126.9505, 112.2630

 8.3564, 6.0762,
3.5875

172.8120,
159.7502, 143.5243

 4.3775, 2.8914,
1.4019

212.0770,
197.7626, 180.1090

 1.9179, 1.0753,
0.1432

256.8801,

 0.5872, 0.0000,

241.3718, 222.4355

0.0000

307.5866,
290.9624, 270.9225

0.0000, 0.0000,
0.0000

46.7705, 40.1888,
32.0802

46.7705, 40.1888,
32.0802

42.1997, 33.5342,
22.8895

52.2447, 48.1098,
43.2379

38.4806, 28.0747,
15.5495

58.6639, 57.3518,
56.4651

35.5610, 23.7411,
9.9350

66.0712, 67.9736,
71.8599

33.3820, 20.4547,
5.9047

74.5059, 80.0285,
89.5137

31.8760, 18.1265,
3.2946

83.7624, 93.4700,
108.2345

■ 30.9629, 16.6524,
1.9051

■ 84.2414, 94.4280,
108.3942

■ 30.6821, 16.1892,
1.5077

Harmonies

Analogous

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



48.1355, 40.1888, 44.0393



46.7705, 40.1888, 32.0802



43.0672, 40.1888, 24.8034

Triad

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



46.7705, 40.1888, 32.0802



30.8278, 40.1888, 31.6876



38.1006, 40.1888, 75.6744

Complementary

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



46.7705, 40.1888, 32.0802



49.5512, 60.4569, 78.8698

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.



33.7108, 40.1888, 70.5186



46.7705, 40.1888, 32.0802



29.7324, 40.1888, 43.4794

Square

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



46.7705, 40.1888, 32.0802



33.8668, 40.1888, 24.6121



30.7432, 40.1888, 57.9749



42.8841, 40.1888, 70.9041

Rectangle

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



46.7705, 40.1888, 32.0802



39.9140, 40.1888, 22.6660



30.7432, 40.1888, 57.9749



36.5324, 40.1888, 75.0306

Sweetspot

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



46.7716, 40.1907, 32.0810



84.2503, 84.5402, 86.3727



53.0165, 40.9229, 70.4099



17.7322, 17.6636, 17.8625



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.



46.7716, 40.1907, 32.0810



58.7222, 47.6846, 34.0845



54.0644, 54.7765, 34.5119



13.8057, 13.8974, 14.2616



18.0756, 9.5890, 0.8982



1.2875, 0.7338, 0.0738

Inverse Universe

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



49.5512, 60.4569, 78.8698



63.0127, 79.0427, 106.5434



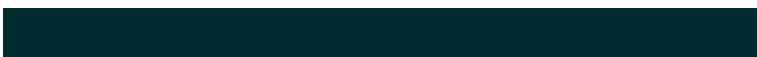
40.8178, 42.9900, 75.9586



14.0058, 15.3508, 17.6125



20.4281, 28.3258, 45.4391



1.4472, 2.0259, 3.1600

Previews

White Background



This preview shows how the XYZ color 46.7705, 40.1888, 32.0802 looks on a white background.

Color Contrast Check

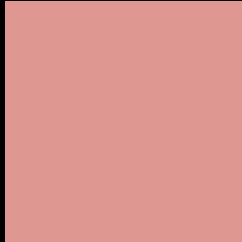
Large Text (above 18pt) WCAG AA × Fail

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 46.7705, 40.1888, 32.0802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

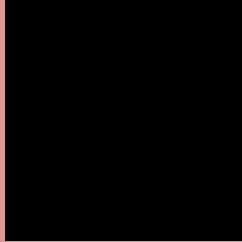
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7705, 40.1888, 32.0802

Background



This preview shows how black text looks on a background with the XYZ color 46.7705, 40.1888, 32.0802.



This preview shows how white text looks on a background with the XYZ color 46.7705, 40.1888,

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

46.7705, 40.1888, 32.0802

Protanopia

38.3389, 40.4297, 36.3549

Deuteranopia

41.2593, 40.4044, 31.6108



Tritanopia

48.3907, 40.3935, 38.9645

Trichromacy



Original Color

46.7705, 40.1888, 32.0802

Protanomaly

40.9312, 39.8981, 34.8219

Deuteranomaly

43.0584, 40.2770, 31.8904

Tritanomaly

47.7235, 40.3471, 36.2828

Monochromacy



Original Color

46.7705, 40.1888, 32.0802

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.4626, 40.5953, 39.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7705, 40.1888, 32.0802 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(223, 152, 145)` looks like.

```
.text, #text, p{  
    color:rgb(223, 152, 145)  
}
```

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(223, 152, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 152, 145) }
```

Border

The CSS property to change the border of an element to XYZ 46.7705, 40.1888, 32.0802 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(223, 152, 145) }
```


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

```
.border{ border-color:rgb(223, 152, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 152, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 152, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 152, 145);  
box-shadow:4px 4px 4px 4px rgb(223, 152,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7705, 40.1888, 32.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 152, 145) }
```

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

```
.background{ background-color: rgb(223,  
152, 145) }
```

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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