

Converting Colors

XYZ(46.3432, 45.4195, 36.0301)

Have a look what the booklet for
XYZ(46.3432, 45.4195, 36.0301)
contains.

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Color

**XYZ(46.3432, 45.4195,
36.0301)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAD98
RGB	207, 173, 152
RGB Percent	81%, 68%, 60%
CMY	0.1882, 0.3215, 0.4039
CMYK	0.00, 0.16, 0.27, 0.19
HSL	23°, 36%, 70%
HSV	23°, 27%, 81%
XYZ	46.3432, 45.4195, 36.0301
YIQ	180.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

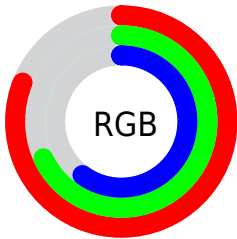
Format	Color
R_{YB}	207, 186, 152
Decimal	13610392
CIE _{Lab}	73.17, 9.20, 15.40
CIE _{LCh}	73, 17.938, 59.161
Yxy	45.4195, 0.3626, 0.3554
Android (android.graphics.Color)	4291800472 (0xFFCFAD98)
YUV	180.7720, -14.1846, 23.0020
Hunter-Lab	67.3940, 4.8053, 15.4782

Details

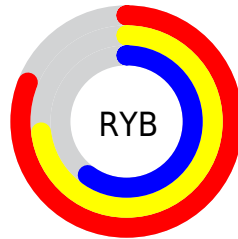
The XYZ color **46.3432, 45.4195, 36.0301** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7700, 46.2970, 65.7665**, and the grayscale version is **43.8628, 46.1470, 50.2541**.

A 20% lighter version of the original color is **80.1240, 81.2030, 69.8433**, and **22.1352, 21.2897, 15.2546** is the 20% darker color. If you saturate the color by 10%, you get **42.4567, 40.1269, 27.0876**, and if you desaturate by 10%, it is **50.7630, 51.3046, 46.6112**.

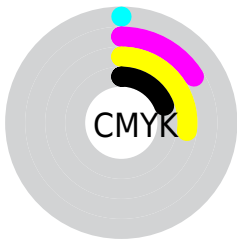
Distribution



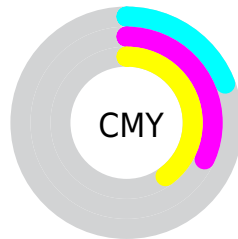
- Red (81%)
- Green (68%)
- Blue (60%)



- Red (81%)
- Yellow (73%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3432, 45.4195, 36.0301 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 46.3432, 45.4195, 36.0301 by changing the saturation by 10% instead.


 46.3432, 45.4195,
36.0301


 46.3432, 45.4195,
36.0301


362.8796,
368.4699, 344.1335

 32.7225, 31.7880,
24.1676


 83.9571, 83.3496,
70.2481

 22.0722, 21.1996,
15.2446


 108.6810,
108.4169, 93.4406

 14.0268, 13.2700,
8.8427


137.8368,
138.0649, 121.2469

 8.2212, 7.6147,
4.5433

171.7896,
172.6781, 154.0855

 4.2898, 3.8494,
1.9279

210.9050,
212.6408, 192.3749

 1.8673, 1.5897,
0.5104

255.5482,

 0.5577, 0.3506,

258.3374, 236.5337

0.0000

306.0846,
310.1523, 286.9803

■ 0.0000, 0.0000,
0.0000

■ 46.3432, 45.4195,
36.0301

■ 46.3432, 45.4195,
36.0301

■ 42.4567, 40.1269,
27.0876

■ 50.7630, 51.3046,
46.6112

■ 39.0780, 35.4012,
19.6976

■ 55.7331, 57.7943,
58.9052

■ 36.1846, 31.2242,
13.7706

■ 61.2740, 64.9081,
72.9854

■ 33.7508, 27.5739,
9.2065

■ 67.4043, 72.6628,
88.9198

■ 31.7481, 24.4268,
5.8924

■ 74.0605, 81.0420,
106.3470

■ 30.1439, 21.7572,
3.6970

■ 77.8978, 88.7165,
107.6261

■ 28.8982, 19.5352,
2.4515

■ 79.5422, 92.0055,
108.1742

■ 28.5319, 18.8649,
2.1375

Harmonies

Analogous

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



48.6663, 45.4195, 41.4896



46.3432, 45.4195, 36.0301



43.2585, 45.4195, 34.0859

Triad

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



46.3432, 45.4195, 36.0301



37.4037, 45.4195, 49.2010



46.1826, 45.4195, 66.1636

Complementary

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



46.3432, 45.4195, 36.0301



41.7700, 46.2970, 65.7665

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.



43.0814, 45.4195, 68.8612



46.3432, 45.4195, 36.0301



38.1037, 45.4195, 58.3777

Square

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



46.3432, 45.4195, 36.0301



38.1852, 45.4195, 41.1002



40.1448, 45.4195, 65.8562



48.5705, 45.4195, 58.8697

Rectangle

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



46.3432, 45.4195, 36.0301



41.2162, 45.4195, 34.8382



40.1448, 45.4195, 65.8562



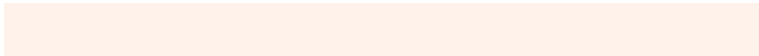
45.1843, 45.4195, 67.6746

Sweetspot

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



46.3444, 45.4216, 36.0310



88.0462, 90.9721, 91.2134



45.9126, 39.3032, 52.0871



18.5779, 19.1241, 18.8565



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.



46.3444, 45.4216, 36.0310



70.5484, 67.7461, 49.0964



51.9771, 56.6871, 37.9086



12.1735, 12.5377, 12.3904



18.0612, 12.0554, 1.3750



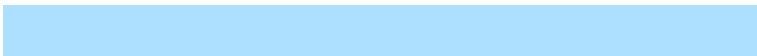
1.0856, 0.8256, 0.1021

Inverse Universe

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



41.7700, 46.2970, 65.7665



61.9842, 69.3740, 104.7314



36.6675, 36.0921, 64.0656



11.7634, 12.6170, 15.0590



12.0490, 12.7446, 39.0174



0.7491, 0.8634, 2.2067

Previews

White Background



This preview shows how the XYZ color 46.3432, 45.4195, 36.0301 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 46.3432, 45.4195, 36.0301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

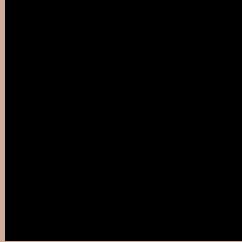
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3432, 45.4195, 36.0301

Background



This preview shows how black text looks on a background with the XYZ color 46.3432, 45.4195, 36.0301.



This preview shows how white text looks on a background with the XYZ color 46.3432, 45.4195,

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

46.3432, 45.4195, 36.0301

Protanopia

43.0228, 45.4256, 37.5108

Deuteranopia

46.3432, 45.4195, 36.0301



Tritanopia

49.2098, 45.4550, 50.4360

Trichromacy



Original Color

46.3432, 45.4195, 36.0301

Protanomaly

44.3198, 45.5131, 37.0209

Deuteranomaly

46.3432, 45.4195, 36.0301

Tritanomaly

48.0199, 45.2450, 44.7303

Monochromacy



Original Color

46.3432, 45.4195, 36.0301

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.4113, 45.6902, 44.5086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3432, 45.4195, 36.0301 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(207, 173, 152)` looks like.

```
.text, #text, p{  
    color:rgb(207, 173, 152)  
}
```

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(207, 173, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 173, 152) }
```

Border

The CSS property to change the border of an element to XYZ 46.3432, 45.4195, 36.0301 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(207, 173, 152) }
```


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

```
.border{ border-color:rgb(207, 173, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 173, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 173, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 173, 152);  
box-shadow:4px 4px 4px 4px rgb(207, 173,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3432, 45.4195, 36.0301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 173, 152) }
```

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

```
.background{ background-color: rgb(207,  
173, 152) }
```

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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