

Converting Colors

XYZ(45.6908, 45.1848, 31.2371)

Have a look what the booklet for
XYZ(45.6908, 45.1848, 31.2371)
contains.

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Color

**XYZ(45.6896, 45.1905,
31.1255)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AD8C
RGB	208, 173, 140
RGB Percent	82%, 68%, 55%
CMY	0.1843, 0.3215, 0.4510
CMYK	0.00, 0.17, 0.33, 0.18
HSL	29°, 42%, 68%
HSV	29°, 33%, 82%
XYZ	45.6896, 45.1905, 31.1255
YIQ	179.7030, 31.4530, -2.8430

Conversions

Conversions Part 2

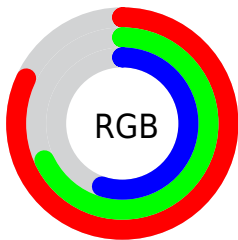
Format	Color
R _Y B	208, 204, 140
Decimal	13675916
CIE Lab	73.02, 7.98, 21.73
CIE LCh	73, 23.149, 69.825
Yxy	45.1905, 0.3745, 0.3704
Android (android.graphics.Color)	4291865996 (0xFFD0AD8C)
YUV	179.7030, -19.5736, 24.8165
Hunter-Lab	67.2239, 3.6781, 19.6047

Details

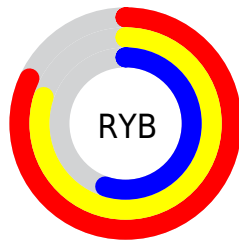
The XYZ color **45.6896, 45.1905, 31.1255** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.5299, 40.7881, 65.5694**, and the grayscale version is **43.3139, 45.5696, 49.6253**.

A 20% lighter version of the original color is **78.7210, 80.6418, 62.4553**, and **21.6317, 21.0883, 12.6032** is the 20% darker color. If you saturate the color by 10%, you get **42.3277, 40.6935, 23.1400**, and if you desaturate by 10%, it is **49.5082, 50.1367, 40.6945**.

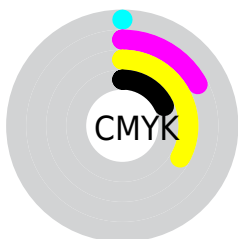
Distribution



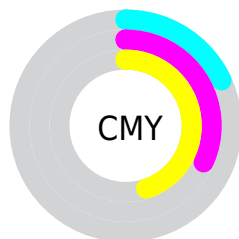
- Red (82%)
- Green (68%)
- Blue (55%)



- Red (82%)
- Yellow (80%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (18%)



- Cyan (18%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6896, 45.1905, 31.1255 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 45.6896, 45.1905, 31.1255 by changing the saturation by 10% instead.

■ 45.6896, 45.1905,
31.1255

■ 45.6896, 45.1905,
31.1255

360.2962,
367.5445, 321.4852

■ 32.2045, 31.6075,
20.4352

■ 82.9850, 83.0062,
62.5195

■ 21.6741, 21.0619,
12.5246

■ 107.5260,
108.0077, 84.0602

■ 13.7329, 13.1692,
6.9751

■ 136.4831,
137.5841, 110.0549

■ 8.0156, 7.5452,
3.3683

170.2215,
172.1199, 140.9219

■ 4.1568, 3.8053,
1.2856

209.1067,
211.9995, 177.0799

■ 1.7912, 1.5653,
0.0500

253.5040,

■ 0.5124, 0.3340,

257.6072, 218.9474

0.0000

303.7787,
309.3274, 266.9430

■ 0.0000, 0.0000,
0.0000

■ 45.6896, 45.1905,
31.1255

■ 45.6896, 45.1905,
31.1255

■ 42.3277, 40.6935,
23.1400

■ 49.5082, 50.1367,
40.6945

■ 39.3989, 36.6250,
16.6477

■ 53.7989, 55.5391,
51.9250

■ 36.8823, 32.9722,
11.5534

■ 58.5805, 61.4127,
64.8930

■ 34.7536, 29.7185,
7.7495

■ 63.8695, 67.7697,
79.6692

■ 32.9853, 26.8462,
5.1125

■ 69.6819, 74.6218,
96.3200

■ 31.5451, 24.3350,
3.4940

■ 74.4139, 81.3329,
106.3845

■ 30.6618, 22.7086,
2.7671

■ 77.6104, 87.7258,
107.4500

■ 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



49.2037, 45.1905, 36.2787



45.6896, 45.1905, 31.1255



41.6393, 45.1905, 30.3657

Triad

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



45.6896, 45.1905, 31.1255



35.7385, 45.1905, 53.1025



48.1259, 45.1905, 68.3611

Complementary

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



45.6896, 45.1905, 31.1255



37.5299, 40.7881, 65.5694

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.



44.2925, 45.1905, 74.5644



45.6896, 45.1905, 31.1255



37.2540, 45.1905, 64.8856

Square

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



45.6896, 45.1905, 31.1255



36.0606, 45.1905, 41.9185



40.3264, 45.1905, 73.2013



50.6703, 45.1905, 57.2899

Rectangle

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



45.6896, 45.1905, 31.1255



39.2006, 45.1905, 32.3065



40.3264, 45.1905, 73.2013



46.9358, 45.1905, 71.1579

Sweetspot

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



45.6908, 45.1926, 31.1264



87.1682, 90.3760, 87.3454



43.1418, 35.2669, 45.1599



18.4344, 19.0680, 18.0966



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.



45.6908, 45.1926, 31.1264



68.7526, 66.7449, 40.5125



53.0267, 59.8645, 33.5717



12.2755, 12.7418, 12.4245



19.2061, 14.3452, 1.7566



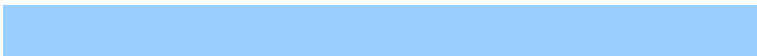
1.1532, 0.9607, 0.1247

Inverse Universe

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



37.5299, 40.7881, 65.5694



53.9210, 58.7384, 103.1034



31.7454, 29.2192, 63.6412



11.6596, 12.4095, 15.0244



10.4729, 9.5923, 38.4920



0.6649, 0.6949, 2.1787

Previews

White Background



This preview shows how the XYZ color 45.6896, 45.1905, 31.1255 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 45.6896, 45.1905, 31.1255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

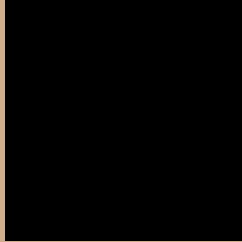
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6896, 45.1905, 31.1255

Background



This preview shows how black text looks on a background with the XYZ color 45.6896, 45.1905, 31.1255.



This preview shows how white text looks on a background with the XYZ color 45.6896, 45.1905,

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

45.6896, 45.1905, 31.1255

Protanopia

42.5639, 45.2997, 32.4870

Deuteranopia

46.0645, 45.1001, 31.0883



Tritanopia

49.2083, 44.9298, 49.2588

Trichromacy



Original Color

45.6896, 45.1905, 31.1255

Protanomaly

43.6306, 45.2676, 32.0291

Deuteranomaly

45.7806, 44.9538, 31.0750

Tritanomaly

47.8435, 44.9414, 41.7503

Monochromacy



Original Color

45.6896, 45.1905, 31.1255

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.7489, 45.1080, 41.9982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6896, 45.1905, 31.1255 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(208, 173, 140)` looks like.

```
.text, #text, p{  
    color:rgb(208, 173, 140)  
}
```

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(208, 173, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 173, 140) }
```

Border

The CSS property to change the border of an element to XYZ 45.6896, 45.1905, 31.1255 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(208, 173, 140) }
```


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

```
.border{ border-color:rgb(208, 173, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 173, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 173, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 173, 140);  
box-shadow:4px 4px 4px 4px rgb(208, 173,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6896, 45.1905, 31.1255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 173, 140) }
```

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

```
.background{ background-color: rgb(208,  
173, 140) }
```

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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