

Converting Colors

XYZ(46.1873, 44.9389, 26.4900)

Have a look what the booklet for
XYZ(46.1873, 44.9389, 26.4900)
contains.

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Color

**XYZ(46.1907, 44.9805,
26.6697)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D6AB80 |
| RGB | 214, 171, 128 |
| RGB Percent | 84%, 67%, 50% |
| CMY | 0.1608, 0.3294, 0.4980 |
| CMYK | 0.00, 0.20, 0.40, 0.16 |
| HSL | 30°, 51%, 67% |
| HSV | 30°, 40%, 84% |
| XYZ | 46.1907, 44.9805, 26.6697 |
| YIQ | 178.9550, 39.4310, -4.2570 |

Conversions

Conversions Part 2

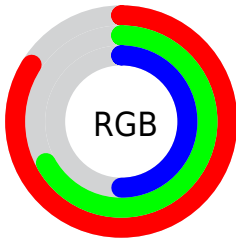
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 214, 214, 128 |
| Decimal | 14068608 |
| CIE _{Lab} | 72.88, 10.01, 28.10 |
| CIE _{LCh} | 73, 29.832, 70.403 |
| Yxy | 44.9805, 0.3920, 0.3817 |
| Android (android.graphics.Color) | 4292258688 (0xFFD6AB80) |
| YUV | 178.9550, -25.1208, 30.7345 |
| Hunter-Lab | 67.0675, 5.5683, 23.3703 |

Details

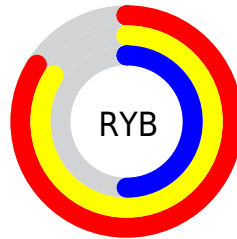
The XYZ color **46.1907, 44.9805, 26.6697** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.6020, 38.5685, 69.1861**, and the grayscale version is **42.9397, 45.1759, 49.1965**.

A 20% lighter version of the original color is **76.7768, 78.9889, 54.9159**, and **22.0725, 21.0128, 10.1003** is the 20% darker color. If you saturate the color by 10%, you get **42.9885, 40.5974, 19.3707**, and if you desaturate by 10%, it is **49.8559, 49.8138, 35.5895**.

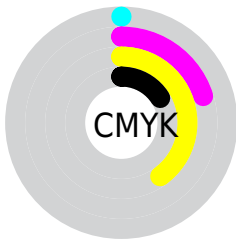
Distribution



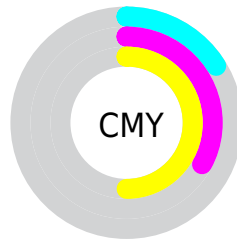
- Red (84%)
- Green (67%)
- Blue (50%)



- Red (84%)
- Yellow (84%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (16%)





- Cyan (16%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.1907, 44.9805, 26.6697 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 46.1907, 44.9805, 26.6697 by changing the saturation by 10% instead.


 46.1907, 44.9805,
26.6697

 46.1907, 44.9805,
26.6697


362.2779,
366.6946, 299.7637


 32.6016, 31.4421,
17.0951


 83.7304, 82.6911,
55.3507

 21.9792, 20.9357,
10.1396


 108.4118,
107.6322, 75.2941

 13.9581, 13.0770,
5.3848


 137.5213,
137.1428, 99.5308

 8.1731, 7.4816,
2.4121

171.4242,
171.6075, 128.4795

 4.2586, 3.7651,
0.7930

210.4860,
211.4106, 162.5586

 1.8495, 1.5430,
0.0000

255.0720,

 0.5472, 0.3187,

256.9366, 202.1866

0.0000

305.5475,
308.5698, 247.7821

■ 0.0000, 0.0000,
0.0000

■ 46.1907, 44.9805,
26.6697

■ 46.1907, 44.9805,
26.6697

■ 42.9885, 40.5974,
19.3707

■ 49.8559, 49.8138,
35.5895

■ 40.2231, 36.6431,
13.5892

■ 54.0015, 55.1054,
46.2192

■ 37.8708, 33.1031,
9.2145

■ 58.6482, 60.8708,
58.6445

■ 35.9033, 29.9595,
6.1188

■ 63.8143, 67.1231,
72.9445

■ 34.2879, 27.1925,
4.1511

■ 69.5171, 73.8744,
89.1937

■ 32.9904, 24.8141,
3.0508

■ 75.5465, 81.0462,
106.2695

■ 78.7058, 87.3648,
107.3226

■ 81.5414, 93.0361,
108.2678

Harmonies

Analogous

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



50.8180, 44.9805, 32.6778



46.1907, 44.9805, 26.6697



40.9745, 44.9805, 25.8861

Triad

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



46.1907, 44.9805, 26.6697



33.6626, 44.9805, 54.3245



49.5582, 44.9805, 74.1461

Complementary

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



46.1907, 44.9805, 26.6697



35.6020, 38.5685, 69.1861

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.



44.5815, 44.9805, 82.8395



46.1907, 44.9805, 26.6697



35.5892, 44.9805, 69.9530

Square

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



46.1907, 44.9805, 26.6697



34.0171, 44.9805, 39.9952



39.4895, 44.9805, 81.1662



52.8685, 44.9805, 59.2098

Rectangle

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



46.1907, 44.9805, 26.6697



37.8948, 44.9805, 28.2166



39.4895, 44.9805, 81.1662



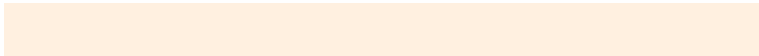
48.0088, 44.9805, 78.0199

Sweetspot

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



46.1918, 44.9826, 26.6706



85.8212, 88.8083, 83.4242



42.8016, 32.6752, 42.5795



18.1690, 18.7617, 17.3159



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.



46.1918, 44.9826, 26.6706



64.6950, 61.4402, 30.4950



55.6743, 63.9476, 29.8314



12.9312, 13.4366, 13.0727



20.0448, 15.2068, 1.8787



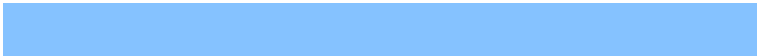
1.2918, 1.0828, 0.1409

Inverse Universe

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



35.6020, 38.5685, 69.1861



46.9055, 50.6654, 101.9150



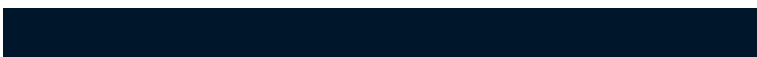
28.7593, 24.8831, 66.9052



12.2504, 13.0242, 15.8058



10.6177, 9.4971, 39.7267



0.7232, 0.7384, 2.4237

Previews

White Background



This preview shows how the XYZ color 46.1907, 44.9805, 26.6697 looks on a white background.

Color Contrast Check

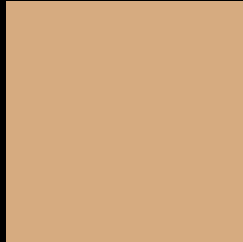
Large Text (above 18pt) WCAG AA × Fail

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 46.1907, 44.9805, 26.6697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

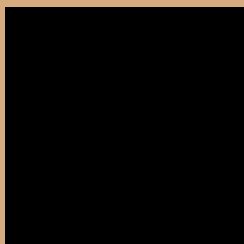
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.1907, 44.9805, 26.6697

Background



This preview shows how black text looks on a background with the XYZ color 46.1907, 44.9805, 26.6697.



This preview shows how white text looks on a background with the XYZ color 46.1907, 44.9805,

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

46.1907, 44.9805, 26.6697

Protanopia

41.9551, 45.0854, 27.9638

Deuteranopia

46.0894, 45.2097, 26.7192



Tritanopia

50.4247, 44.7853, 47.5817

Trichromacy



Original Color

46.1907, 44.9805, 26.6697

Protanomaly

43.3740, 44.9417, 27.5077

Deuteranomaly

46.0894, 45.2097, 26.7192

Tritanomaly

48.6920, 44.8924, 38.8996

Monochromacy



Original Color

46.1907, 44.9805, 26.6697

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.6087, 44.7952, 39.6056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1907, 44.9805, 26.6697 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(214, 171, 128)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 128)  
}
```

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(214, 171, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 128) }
```

Border

The CSS property to change the border of an element to XYZ 46.1907, 44.9805, 26.6697 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(214, 171, 128) }
```


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

```
.border{ border-color:rgb(214, 171, 128) }
```

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

Here you see how a box with a 4 pixel rgb(214, 171, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 128);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1907, 44.9805, 26.6697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 128) }
```

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

```
.background{ background-color: rgb(214,  
171, 128) }
```

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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