

Converting Colors

XYZ(47.0826, 46.1936, 33.9138)

Have a look what the booklet for
XYZ(47.0826, 46.1936, 33.9138)
contains.

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Color

**XYZ(46.9809, 46.0803,
34.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AE93
RGB	210, 174, 147
RGB Percent	82%, 68%, 58%
CMY	0.1765, 0.3176, 0.4235
CMYK	0.00, 0.17, 0.30, 0.18
HSL	26°, 41%, 70%
HSV	26°, 30%, 82%
XYZ	46.9809, 46.0803, 34.0220
YIQ	181.6860, 30.1230, -0.7650

Conversions

Conversions Part 2

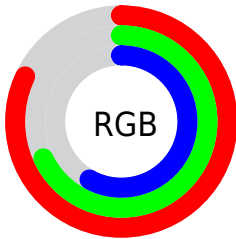
Format	Color
R _Y B	210, 194, 147
Decimal	13807251
CIE Lab	73.60, 9.14, 18.76
CIE LCh	74, 20.870, 64.034
Yxy	46.0803, 0.3697, 0.3626
Android (android.graphics.Color)	4291997331 (0xFFD2AE93)
YUV	181.6860, -17.1002, 24.8314
Hunter-Lab	67.8825, 4.7441, 17.8022

Details

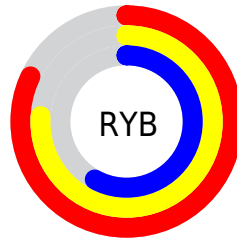
The XYZ color **46.9809, 46.0803, 34.0220** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5986, 44.7220, 67.4655**, and the grayscale version is **44.3722, 46.6830, 50.8378**.

A 20% lighter version of the original color is **79.8019, 81.5157, 66.7864**, and **22.5884, 21.7322, 14.0705** is the 20% darker color. If you saturate the color by 10%, you get **43.2659, 41.0510, 25.3824**, and if you desaturate by 10%, it is **51.2062, 51.6483, 44.3168**.

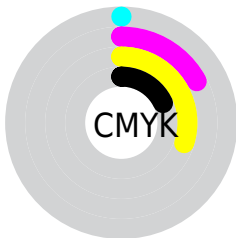
Distribution



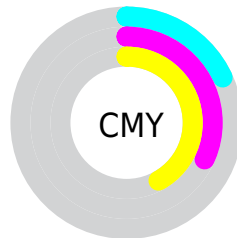
- Red (82%)
- Green (68%)
- Blue (58%)



- Red (82%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.9809, 46.0803, 34.0220 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 46.9809, 46.0803, 34.0220 by changing the saturation by 10% instead.


 46.9809, 46.0803,
34.0220


 46.9809, 46.0803,
34.0220


365.3885,
371.1314, 335.0023

 33.2284, 32.3092,
22.6330


 84.9040, 84.3392,
67.1022

 22.4616, 21.5978,
14.1200


 109.8054,
109.5957, 89.6304

 14.3149, 13.5617,
8.0645


139.1538,
139.4495, 116.7088

 8.4232, 7.8164,
4.0479

173.3146,
174.2850, 148.7560

 4.4210, 3.9777,
1.6516

212.6531,
214.4865, 186.1903

 1.9430, 1.6611,
0.3273

257.5346,

 0.6016, 0.3983,

260.4385, 229.4305

0.0000

308.3247,
312.5253, 278.8949

■ 0.0000, 0.0000,
0.0000

■ 46.9809, 46.0803,
34.0220

■ 46.9809, 46.0803,
34.0220

■ 43.2659, 41.0510,
25.3824

■ 51.2062, 51.6483,
44.3168

■ 40.0359, 36.5368,
18.3072

■ 55.9586, 57.7652,
56.3455

■ 37.2686, 32.5214,
12.7008

■ 61.2584, 64.4487,
70.1850

■ 34.9379, 28.9850,
8.4560

■ 67.1237, 71.7138,
85.9069

■ 33.0151, 25.9062,
5.4509

■ 73.5718, 79.5749,
103.5787

■ 31.4665, 23.2612,
3.5409

■ 77.5834, 86.8315,
107.2788

■ 30.2359, 21.0165,
2.4630

■ 80.3885, 92.4417,
108.2139

■ 30.2358, 21.0164,
2.4630

Harmonies

Analogous

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



49.9495, 46.0803, 39.6313



46.9809, 46.0803, 34.0220



43.3003, 46.0803, 32.4998

Triad

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



46.9809, 46.0803, 34.0220



37.0901, 46.0803, 51.6178



47.8933, 46.0803, 68.9824

Complementary

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



46.9809, 46.0803, 34.0220



40.5986, 44.7220, 67.4655

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.



44.2993, 46.0803, 73.3147



46.9809, 46.0803, 34.0220



38.1734, 46.0803, 62.4371

Square

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



46.9809, 46.0803, 34.0220



37.7194, 46.0803, 41.7864



40.7621, 46.0803, 70.7664



50.4968, 46.0803, 59.6141

Rectangle

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



46.9809, 46.0803, 34.0220



40.9693, 46.0803, 33.7988



40.7621, 46.0803, 70.7664



46.7539, 46.0803, 71.1314

Sweetspot

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



46.9821, 46.0824, 34.0229



87.5312, 90.5262, 89.2411



45.6381, 38.0199, 50.1438



18.4894, 19.0633, 18.4684



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.



46.9821, 46.0824, 34.0229



69.1183, 66.4106, 43.9200



53.6168, 59.3517, 36.2345



12.2194, 12.6296, 12.4058



18.5388, 13.0106, 1.5342



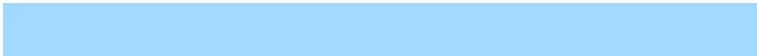
1.1146, 0.8835, 0.1118

Inverse Universe

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



40.5986, 44.7220, 67.4655



57.6618, 63.9608, 103.9143



34.9349, 33.3945, 65.5776



11.7163, 12.5229, 15.0433



11.2934, 11.2334, 38.7655



0.7094, 0.7839, 2.1935

Previews

White Background



This preview shows how the XYZ color 46.9809, 46.0803, 34.0220 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 46.9809, 46.0803, 34.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

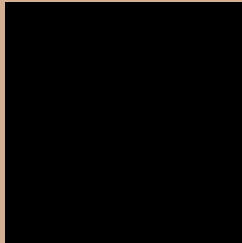
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9809, 46.0803, 34.0220

Background



This preview shows how black text looks on a background with the XYZ color 46.9809, 46.0803, 34.0220.



This preview shows how white text looks on a background with the XYZ color 46.9809, 46.0803,

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

46.9809, 46.0803, 34.0220

Protanopia

43.5148, 46.3261, 35.5025

Deuteranopia

46.9809, 46.0803, 34.0220



Tritanopia

50.3630, 46.0495, 50.4900

Trichromacy



Original Color

46.9809, 46.0803, 34.0220

Protanomaly

44.6339, 46.0165, 34.9634

Deuteranomaly

46.9809, 46.0803, 34.0220

Tritanomaly

49.1649, 46.1365, 43.8501

Monochromacy



Original Color

46.9809, 46.0803, 34.0220

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.0198, 46.3112, 44.1023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9809, 46.0803, 34.0220 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(210, 174, 147)` looks like.

```
.text, #text, p{  
    color:rgb(210, 174, 147)  
}
```

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(210, 174, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 174, 147) }
```

Border

The CSS property to change the border of an element to XYZ 46.9809, 46.0803, 34.0220 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(210, 174, 147) }
```


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

```
.border{ border-color:rgb(210, 174, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 174, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 174, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 174, 147);  
box-shadow:4px 4px 4px 4px rgb(210, 174,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9809, 46.0803, 34.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 174, 147) }
```

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

```
.background{ background-color: rgb(210,  
174, 147) }
```

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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