

Converting Colors

XYZ(47.8046, 46.8197, 32.9031)

Have a look what the booklet for
XYZ(47.8046, 46.8197, 32.9031)
contains.

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Color

**XYZ(47.8046, 46.8197,
32.9031)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AF90
RGB	213, 175, 144
RGB Percent	84%, 69%, 56%
CMY	0.1647, 0.3137, 0.4353
CMYK	0.00, 0.18, 0.32, 0.16
HSL	27°, 45%, 70%
HSV	27°, 32%, 84%
XYZ	47.8046, 46.8197, 32.9031
YIQ	182.8280, 32.5990, -1.5850

Conversions

Conversions Part 2

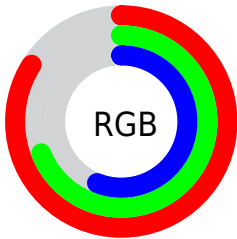
Format	Color
R _Y B	213, 200, 144
Decimal	14004112
CIE Lab	74.07, 9.38, 21.09
CIE LCh	74, 23.081, 66.022
Yxy	46.8197, 0.3749, 0.3671
Android (android.graphics.Color)	4292194192 (0xFFD5AF90)
YUV	182.8280, -19.1422, 26.4608
Hunter-Lab	68.4249, 4.9642, 19.3870

Details

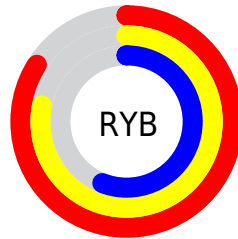
The XYZ color **47.8046, 46.8197, 32.9031** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.2393, 44.1879, 69.3592**, and the grayscale version is **45.0056, 47.3494, 51.5634**.

A 20% lighter version of the original color is **80.0090, 82.4890, 65.1311**, and **22.9634, 22.1243, 13.4160** is the 20% darker color. If you saturate the color by 10%, you get **44.1434, 41.8614, 24.3945**, and if you desaturate by 10%, it is **51.9737, 52.3019, 43.0973**.

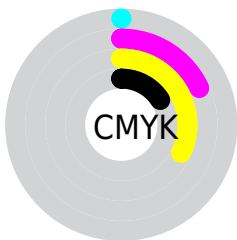
Distribution



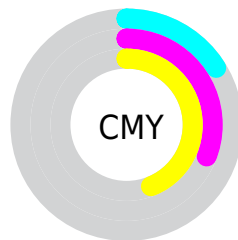
- Red (84%)
- Green (69%)
- Blue (56%)



- Red (84%)
- Yellow (78%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8046, 46.8197, 32.9031 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 47.8046, 46.8197, 32.9031 by changing the saturation by 10% instead.


 47.8046, 46.8197,
32.9031


 47.8046, 46.8197,
32.9031


368.6126,
374.0944, 329.8315

 33.8828, 32.8931,
21.7817

 86.1249, 85.4444,
65.3385

 22.9660, 22.0446,
13.4998

 111.2540,
110.9114, 87.4896

 14.6890, 13.8897,
7.6389


140.8496,
140.9939, 114.1543

 8.6863, 8.0440,
3.7803

175.2771,
176.0765, 145.7512

 4.5926, 4.1231,
1.5056

214.9018,
216.5434, 182.6988

 2.0425, 1.7427,
0.2221

260.0890,

 0.6577, 0.4510,

262.7791, 225.4157

0.0000

311.2042,
315.1680, 274.3204

■ 0.0000, 0.0000,
0.0000

■ 47.8046, 46.8197,
32.9031

■ 47.8046, 46.8197,
32.9031

■ 44.1434, 41.8614,
24.3945

■ 51.9737, 52.3019,
43.0973

■ 40.9642, 37.4034,
17.4758

■ 56.6679, 58.3174,
55.0600

■ 38.2439, 33.4299,
12.0460

■ 61.9079, 64.8837,
68.8720

■ 35.9557, 29.9215,
7.9911

■ 67.7121, 72.0155,
84.6080

■ 34.0695, 26.8569,
5.1801

■ 74.0982, 79.7267,
102.3388

■ 32.5497, 24.2123,
3.4560

■ 78.2580, 86.9010,
107.2567

■ 31.5970, 22.4590,
2.6697

■ 81.2506, 92.8862,
108.2542

Harmonies

Analogous

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



51.2333, 46.8197, 38.7458



47.8046, 46.8197, 32.9031



43.6733, 46.8197, 31.5507

Triad

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



47.8046, 46.8197, 32.9031



37.0654, 46.8197, 53.4006



49.3333, 46.8197, 71.6607

Complementary

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



47.8046, 46.8197, 32.9031



40.2393, 44.1879, 69.3592

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.



45.3385, 46.8197, 77.0886



47.8046, 46.8197, 32.9031



38.3854, 46.8197, 65.5483

Square

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



47.8046, 46.8197, 32.9031



37.6358, 46.8197, 42.2883



41.3527, 46.8197, 74.6948



52.1534, 46.8197, 60.7849

Rectangle

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



47.8046, 46.8197, 32.9031



41.1089, 46.8197, 33.1596



41.3527, 46.8197, 74.6948



48.0742, 46.8197, 74.2537

Sweetspot

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



47.8058, 46.8219, 32.9041



86.8957, 89.8310, 87.2545



45.9719, 37.5162, 49.6731



18.3686, 18.9363, 18.0746



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.



47.8058, 46.8219, 32.9041



67.9119, 65.0635, 40.2322



55.1284, 61.4670, 35.3449



12.8781, 13.3305, 13.0550



19.3997, 13.9167, 1.6637



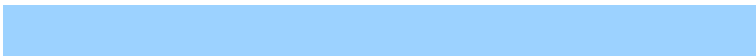
1.2521, 1.0033, 0.1277

Inverse Universe

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



40.2393, 44.1879, 69.3592



54.7973, 60.4911, 103.3956



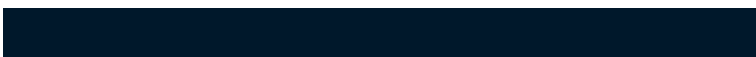
34.1966, 32.1025, 67.3450



12.3038, 13.1310, 15.8236



11.3462, 10.9542, 39.9695



0.7665, 0.8250, 2.4381

Previews

White Background



This preview shows how the XYZ color 47.8046, 46.8197, 32.9031 looks on a white background.

Color Contrast Check

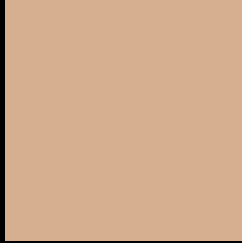
Large Text (above 18pt) WCAG AA × Fail

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 47.8046, 46.8197, 32.9031 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 47.8046, 46.8197, 32.9031

Background



This preview shows how black text looks on a background with the XYZ color 47.8046, 46.8197, 32.9031.



This preview shows how white text looks on a background with the XYZ color 47.8046, 46.8197,

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

47.8046, 46.8197, 32.9031

Protanopia

43.9867, 46.8999, 34.3380

Deuteranopia

47.8046, 46.8197, 32.9031



Tritanopia

51.5372, 46.9201, 51.1399

Trichromacy



Original Color

47.8046, 46.8197, 32.9031

Protanomaly

45.1278, 46.5949, 33.8093

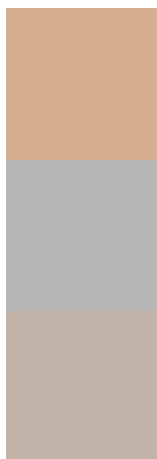
Deuteranomaly

47.8046, 46.8197, 32.9031

Tritanomaly

50.2329, 46.9686, 43.9544

Monochromacy



Original Color

47.8046, 46.8197, 32.9031

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.7308, 46.9764, 44.1932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8046, 46.8197, 32.9031 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(213, 175, 144) looks like.

```
.text, #text, p{  
    color:rgb(213, 175, 144)  
}
```

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(213, 175, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 175, 144) }
```

Border

The CSS property to change the border of an element to XYZ 47.8046, 46.8197, 32.9031 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(213, 175, 144) }
```


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

```
.border{ border-color:rgb(213, 175, 144) }
```

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

Here you see how a box with a 4 pixel rgb(213, 175, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 175, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 175, 144);  
box-shadow:4px 4px 4px 4px rgb(213, 175,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8046, 46.8197, 32.9031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 175, 144) }
```

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

```
.background{ background-color: rgb(213,  
175, 144) }
```

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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