

Converting Colors

XYZ(47.6697, 46.7323, 33.7019)

Have a look what the booklet for
XYZ(47.6697, 46.7323, 33.7019)
contains.

| | |
|--|----|
| XYZ(47.6697, 46.7323, 33.7019) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(47.6697, 46.7323,
33.7019)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D4AF92 |
| RGB | 212, 175, 146 |
| RGB Percent | 83%, 69%, 57% |
| CMY | 0.1686, 0.3137, 0.4274 |
| CMYK | 0.00, 0.17, 0.31, 0.17 |
| HSL | 26°, 43%, 70% |
| HSV | 26°, 31%, 83% |
| XYZ | 47.6697, 46.7323, 33.7019 |
| YIQ | 182.7570, 31.3610, -1.1750 |

Conversions

Conversions Part 2

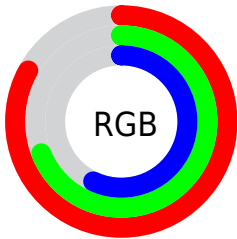
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 212, 198, 146 |
| Decimal | 13938578 |
| CIE Lab | 74.02, 9.25, 19.92 |
| CIE LCh | 74, 21.957, 65.093 |
| Yxy | 46.7323, 0.3721, 0.3648 |
| Android (android.graphics.Color) | 4292128658 (0xFFD4AF92) |
| YUV | 182.7570, -18.1212, 25.6461 |
| Hunter-Lab | 68.3610, 4.8403, 18.6228 |

Details

The XYZ color **47.6697, 46.7323, 33.7019** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.6708, 44.7302, 68.7778**, and the grayscale version is **44.9617, 47.3032, 51.5132**.

A 20% lighter version of the original color is **80.2412, 82.5820, 66.3543**, and **22.8588, 22.0601, 13.8797** is the 20% darker color. If you saturate the color by 10%, you get **43.9593, 41.7103, 25.0696**, and if you desaturate by 10%, it is **51.8919, 52.2881, 44.0146**.

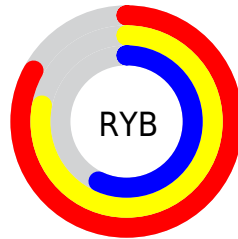
Distribution



Red (83%)

Green (69%)

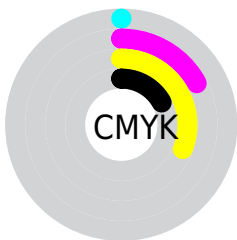
Blue (57%)



Red (83%)

Yellow (78%)

Blue (57%)

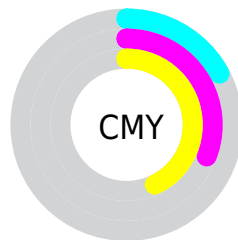


Cyan (0%)

Magenta (17%)

Yellow (31%)

Black (17%)



Cyan (17%)

Magenta (31%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6697, 46.7323, 33.7019 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 47.6697, 46.7323, 33.7019 by changing the saturation by 10% instead.


 47.6697, 46.7323,
33.7019


 47.6697, 46.7323,
33.7019


368.0858,
373.7450, 333.5293

 33.7756, 32.8241,
22.3892


 85.9251, 85.3139,
66.5984

 22.8833, 21.9917,
13.9421


 111.0170,
110.7561, 89.0193

 14.6276, 13.8508,
7.9421


140.5723,
140.8116, 115.9800

 8.6430, 8.0170,
3.9707

174.9563,
175.8651, 147.8990

 4.5643, 4.1058,
1.6093

214.5342,
216.3007, 185.1949

 2.0261, 1.7329,
0.2974

259.6716,

 0.6485, 0.4448,

262.5030, 228.2862

0.0000

310.7336,
314.8563, 277.5915

■ 0.0000, 0.0000,
0.0000

■ 47.6697, 46.7323,
33.7019

■ 47.6697, 46.7323,
33.7019

■ 43.9593, 41.7103,
25.0696

■ 51.8919, 52.2881,
44.0146

■ 40.7350, 37.1985,
18.0239

■ 56.6430, 58.3874,
56.0887

■ 37.9739, 33.1806,
12.4660

■ 61.9436, 65.0481,
70.0036

■ 35.6496, 29.6370,
8.2849

■ 67.8120, 72.2849,
85.8328

■ 33.7325, 26.5463,
5.3536

■ 74.2658, 80.1122,
103.6458

■ 32.1879, 23.8846,
3.5209

■ 78.2505, 87.3151,
107.3370

■ 31.0804, 21.8549,
2.5803

■ 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



50.8777, 46.7323, 39.4503



47.6697, 46.7323, 33.7019



43.7516, 46.7323, 32.2615

Triad

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



47.6697, 46.7323, 33.7019



37.3221, 46.7323, 52.8248



48.8954, 46.7323, 70.6783

Complementary

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



47.6697, 46.7323, 33.7019



40.6708, 44.7302, 68.7778

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.



45.0904, 46.7323, 75.5680



47.6697, 46.7323, 33.7019



38.5289, 46.7323, 64.3364

Square

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



47.6697, 46.7323, 33.7019



37.9233, 46.7323, 42.3195



41.3170, 46.7323, 73.0919



51.6141, 46.7323, 60.5313

Rectangle

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



47.6697, 46.7323, 33.7019



41.2958, 46.7323, 33.7244



41.3170, 46.7323, 73.0919



47.6930, 46.7323, 73.0542

Sweetspot

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



47.6709, 46.7345, 33.7029



87.6051, 90.6740, 89.2657



46.0196, 37.9910, 49.9263



18.5076, 19.0996, 18.4745



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.



47.6709, 46.7345, 33.7029



68.7892, 66.1149, 42.6925



54.7985, 60.9897, 36.0787



12.8678, 13.3099, 13.0516



19.2835, 13.6843, 1.6250



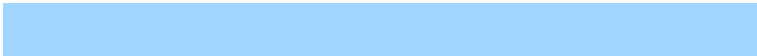
1.2447, 0.9886, 0.1252

Inverse Universe

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



40.6708, 44.7302, 68.7778



56.6071, 62.6199, 103.7111



34.7086, 32.8056, 66.7904



12.3142, 13.1519, 15.8271



11.4982, 11.2581, 40.0202



0.7753, 0.8427, 2.4411

Previews

White Background



This preview shows how the XYZ color 47.6697, 46.7323, 33.7019 looks on a white background.

Color Contrast Check

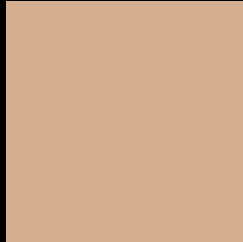
Large Text (above 18pt) WCAG AA × Fail

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 47.6697, 46.7323, 33.7019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

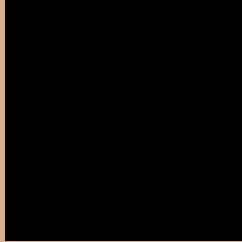
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6697, 46.7323, 33.7019

Background



This preview shows how black text looks on a background with the XYZ color 47.6697, 46.7323, 33.7019.



This preview shows how white text looks on a background with the XYZ color 47.6697, 46.7323,

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

47.6697, 46.7323, 33.7019

Protanopia

44.1451, 46.9633, 35.1719

Deuteranopia

47.6697, 46.7323, 33.7019



Tritanopia

51.2409, 46.7673, 51.1260

Trichromacy



Original Color

47.6697, 46.7323, 33.7019

Protanomaly

45.2848, 46.6577, 34.6360

Deuteranomaly

47.6697, 46.7323, 33.7019

Tritanomaly

50.0326, 46.8544, 44.4370

Monochromacy



Original Color

47.6697, 46.7323, 33.7019

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.8251, 47.0141, 44.6896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6697, 46.7323, 33.7019 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(212, 175, 146)` looks like.

```
.text, #text, p{  
    color:rgb(212, 175, 146)  
}
```

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(212, 175, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 175, 146) }
```

Border

The CSS property to change the border of an element to XYZ 47.6697, 46.7323, 33.7019 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(212, 175, 146) }
```


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

```
.border{ border-color:rgb(212, 175, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 175, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 175, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 175, 146);  
box-shadow:4px 4px 4px 4px rgb(212, 175,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6697, 46.7323, 33.7019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 175, 146) }
```

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

```
.background{ background-color: rgb(212,  
175, 146) }
```

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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