

Converting Colors

XYZ(47.8935, 48.3632, 34.1588)

Have a look what the booklet for
XYZ(47.8935, 48.3632, 34.1588)
contains.

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Color

**XYZ(47.8041, 48.2731,
33.9922)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B492
RGB	209, 180, 146
RGB Percent	82%, 71%, 57%
CMY	0.1804, 0.2941, 0.4274
CMYK	0.00, 0.14, 0.30, 0.18
HSL	32°, 41%, 70%
HSV	32°, 30%, 82%
XYZ	47.8041, 48.2731, 33.9922
YIQ	184.7950, 28.1980, -4.4260

Conversions

Conversions Part 2

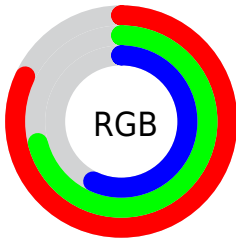
Format	Color
R _Y B	200, 209, 146
Decimal	13743250
CIE Lab	75.00, 5.40, 21.22
CIE LCh	75, 21.892, 75.714
Yxy	48.2731, 0.3675, 0.3711
Android (android.graphics.Color)	4291933330 (0xFFD1B492)
YUV	184.7950, -19.1259, 21.2278
Hunter-Lab	69.4788, 1.2268, 19.6278

Details

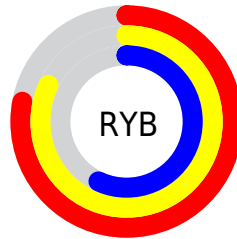
The XYZ color **47.8041, 48.2731, 33.9922** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.6924, 41.3734, 66.2685**, and the grayscale version is **46.0931, 48.4935, 52.8095**.

A 20% lighter version of the original color is **81.6608, 85.4210, 66.8275**, and **22.9814, 22.8750, 14.0305** is the 20% darker color. If you saturate the color by 10%, you get **44.4500, 43.9330, 25.5732**, and if you desaturate by 10%, it is **51.5928, 53.0062, 44.0235**.

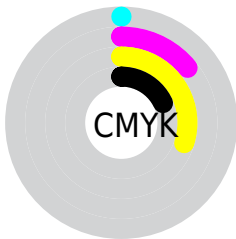
Distribution



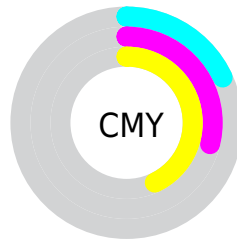
- Red (82%)
- Green (71%)
- Blue (57%)



- Red (78%)
- Yellow (82%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8041, 48.2731, 33.9922 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 47.8041, 48.2731, 33.9922 by changing the saturation by 10% instead.


 47.8041, 48.2731,
33.9922


 47.8041, 48.2731,
33.9922


368.6106,
379.8736, 334.8654

 33.8824, 34.0432,
22.6103


 86.1241, 87.6109,
67.0553

 22.9657, 22.9268,
14.1034


 111.2531,
113.4876, 89.5736

 14.6888, 14.5395,
8.0531


140.8486,
144.0153, 116.6410

 8.6861, 8.4968,
4.0407

175.2759,
179.5785, 148.6763

 4.5925, 4.4145,
1.6477

214.9004,
220.5615, 186.0978

 2.0425, 1.9080,
0.3245

260.0875,

 0.6577, 0.5532,

267.3488, 229.3241

0.0000

311.2024,
320.3247, 278.7738

■ 0.0000, 0.0000,
0.0000

■ 47.8041, 48.2731,
33.9922

■ 47.8041, 48.2731,
33.9922

■ 44.4500, 43.9330,
25.5732

■ 51.5928, 53.0062,
44.0235

■ 41.5077, 39.9672,
18.6771

■ 55.8299, 58.1367,
55.7439

■ 38.9579, 36.3652,
13.2106

■ 60.5332, 63.6778,
69.2287

■ 36.7781, 33.1134,
9.0685

■ 65.7183, 69.6395,
84.5480

■ 34.9426, 30.1967,
6.1309

■ 71.4001, 76.0317,
101.7679

■ 33.4214, 27.5983,
4.2557

■ 74.8380, 81.7620,
106.4450

■ 32.1783, 25.3227,
3.1918

■ 77.7095, 87.5052,
107.4022

■ 80.1046, 92.2954,
108.2006

Harmonies

Analogous

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



51.4582, 48.2731, 38.3312



47.8041, 48.2731, 33.9922



43.8326, 48.2731, 34.0985

Triad

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



47.8041, 48.2731, 33.9922



38.8768, 48.2731, 58.7485



51.6046, 48.2731, 69.4696

Complementary

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



47.8041, 48.2731, 33.9922



38.6924, 41.3734, 66.2685

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.



47.9946, 48.2731, 76.7138



47.8041, 48.2731, 33.9922



40.7242, 48.2731, 69.9380

Square

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



47.8041, 48.2731, 33.9922



38.8324, 48.2731, 47.3167



44.0124, 48.2731, 76.8967



53.7372, 48.2731, 58.1795

Rectangle

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



47.8041, 48.2731, 33.9922



41.5419, 48.2731, 36.6440



44.0124, 48.2731, 76.8967



50.5146, 48.2731, 72.5264

Sweetspot

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



47.8053, 48.2753, 33.9932



88.2950, 92.0538, 89.4957



44.3511, 37.2245, 45.6118



18.6774, 19.4392, 18.5311



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.



47.8053, 48.2753, 33.9932



71.5999, 71.3738, 44.7471



53.6934, 60.9276, 36.1250



12.3297, 12.8501, 12.4425



19.9398, 15.8126, 2.0012



1.1938, 1.0420, 0.1382

Inverse Universe

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



38.6924, 41.3734, 66.2685



55.1347, 58.9065, 103.0719



34.0189, 31.4671, 64.6027



11.6056, 12.3015, 15.0064



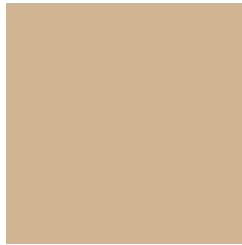
9.7821, 8.2108, 38.2618



0.6259, 0.6170, 2.1657

Previews

White Background



This preview shows how the XYZ color 47.8041, 48.2731, 33.9922 looks on a white background.

Color Contrast Check

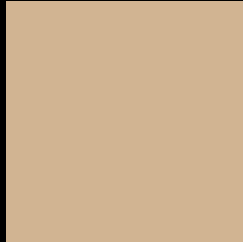
Large Text (above 18pt) WCAG AA × Fail

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 47.8041, 48.2731, 33.9922 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 47.8041, 48.2731, 33.9922

Background



This preview shows how black text looks on a background with the XYZ color 47.8041, 48.2731, 33.9922.



This preview shows how white text looks on a background with the XYZ color 47.8041, 48.2731,

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

47.8041, 48.2731, 33.9922

Protanopia

45.2507, 48.1549, 34.9268

Deuteranopia

49.3075, 48.1498, 34.2988



Tritanopia

51.9447, 48.1991, 54.1425

Trichromacy



Original Color

47.8041, 48.2731, 33.9922

Protanomaly

46.2873, 48.3911, 34.5046

Deuteranomaly

48.6274, 48.0935, 34.3238

Tritanomaly

50.2195, 48.0648, 46.1658

Monochromacy



Original Color

47.8041, 48.2731, 33.9922

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.5323, 48.2766, 45.3939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8041, 48.2731, 33.9922 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(209, 180, 146)` looks like.

```
.text, #text, p{  
    color:rgb(209, 180, 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(209, 180, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 180, 146) }
```

Border

The CSS property to change the border of an element to XYZ 47.8041, 48.2731, 33.9922 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(209, 180, 146) }
```


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

```
.border{ border-color:rgb(209, 180, 146) }
```

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

Here you see how a box with a 4 pixel rgb(209, 180, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 180, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 180, 146);  
box-shadow:4px 4px 4px 4px rgb(209, 180,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8041, 48.2731, 33.9922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 180, 146) }
```

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

```
.background{ background-color: rgb(209,  
180, 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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