

Converting Colors

XYZ(48.3187, 46.7429, 27.3209)

Have a look what the booklet for
XYZ(48.3187, 46.7429, 27.3209)
contains.

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Color

**XYZ(48.1194, 46.5322,
27.2143)**

Conversions

Conversions Part 1

Format	Color
Hex	DBAD81
RGB	219, 173, 129
RGB Percent	86%, 68%, 51%
CMY	0.1412, 0.3215, 0.4941
CMYK	0.00, 0.21, 0.41, 0.14
HSL	29°, 56%, 68%
HSV	29°, 41%, 86%
XYZ	48.1194, 46.5322, 27.2143
YIQ	181.7380, 41.5400, -3.9320

Conversions

Conversions Part 2

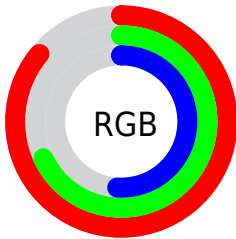
Format	Color
R _Y B	219, 215, 129
Decimal	14396801
CIE Lab	73.89, 11.05, 29.00
CIE LCh	74, 31.033, 69.146
Yxy	46.5322, 0.3949, 0.3818
Android (android.graphics.Color)	4292586881 (0xFFDBAD81)
YUV	181.7380, -25.9998, 32.6788
Hunter-Lab	68.2145, 6.5408, 24.0963

Details

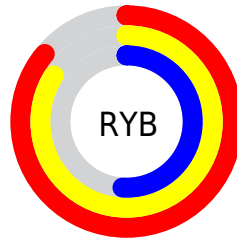
The XYZ color **48.1194, 46.5322, 27.2143** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.1687, 40.4399, 72.8643**, and the grayscale version is **44.4430, 46.7575, 50.9189**.

A 20% lighter version of the original color is **77.4269, 80.1242, 55.6407**, and **23.1489, 21.9206, 10.4082** is the 20% darker color. If you saturate the color by 10%, you get **44.7601, 41.8988, 19.6661**, and if you desaturate by 10%, it is **51.9729, 51.6544, 36.4673**.

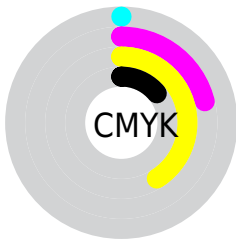
Distribution



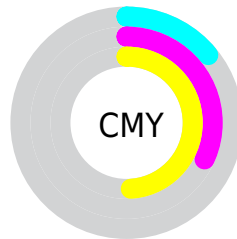
- Red (86%)
- Green (68%)
- Blue (51%)



- Red (86%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (41%)
- Black (14%)





- Cyan (14%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1194, 46.5322, 27.2143 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 48.1194, 46.5322, 27.2143 by changing the saturation by 10% instead.


 48.1194, 46.5322,
27.2143


 48.1194, 46.5322,
27.2143


369.8399,
372.9442, 302.4862


 34.1331, 32.6660,
17.5004

 86.5908, 85.0149,
56.2355

 23.1592, 21.8707,
10.4262


 111.8066,
110.4002, 76.3798

 14.8325, 13.7619,
5.5731


 141.4962,
140.3940, 100.8380

 8.7874, 7.9553,
2.5228

176.0251,
175.3807, 130.0286

 4.6588, 4.0663,
0.8522

215.7585,
215.7447, 164.3702

 2.0812, 1.7107,
0.0000

261.0619,

 0.6789, 0.4306,

261.8703, 204.2813

0.0000

312.3006,
314.1420, 250.1804

■ 0.0000, 0.0000,
0.0000

■ 48.1194, 46.5322,
27.2143

■ 48.1194, 46.5322,
27.2143

■ 44.7601, 41.8988,
19.6661

■ 51.9729, 51.6544,
36.4673

■ 41.8669, 37.7307,
13.7125

■ 56.3396, 57.2747,
47.5202

■ 39.4139, 34.0122,
9.2346


■ 61.2416, 63.4100,
60.4646

■ 37.3708, 30.7233,
6.0953


■ 66.6988, 70.0748,
75.3846


■ 35.7018, 27.8419,
4.1311

■ 72.7297, 77.2825,
92.3595

 34.4793, 25.5919,
3.1225

 78.4700, 84.6934,
106.8194

 81.8701, 91.4935,
107.9527

 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



52.9917, 46.5322, 33.7784



48.1194, 46.5322, 27.2143



42.5597, 46.5322, 26.1663

Triad

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



48.1194, 46.5322, 27.2143



34.5433, 46.5322, 55.6591



51.2813, 46.5322, 78.1242

Complementary

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



48.1194, 46.5322, 27.2143



37.1687, 40.4399, 72.8643

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.



45.9383, 46.5322, 87.0453



48.1194, 46.5322, 27.2143



36.4871, 46.5322, 72.4104

Square

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



48.1194, 46.5322, 27.2143



35.0213, 46.5322, 40.5852



40.5512, 46.5322, 84.7607



54.9202, 46.5322, 62.2907

Rectangle

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



48.1194, 46.5322, 27.2143



39.2509, 46.5322, 28.4619



40.5512, 46.5322, 84.7607



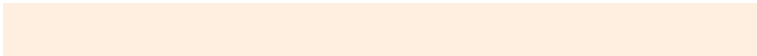
49.6078, 46.5322, 82.1665

Sweetspot

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



48.1206, 46.5344, 27.2152



85.7214, 88.6086, 83.3909



44.8509, 33.8758, 44.9905



18.1455, 18.7147, 17.3081



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.



48.1206, 46.5344, 27.2152



63.9348, 60.1974, 29.3862



58.1178, 66.5288, 30.5476



13.5790, 14.0974, 13.7310



20.5536, 15.3928, 1.8878



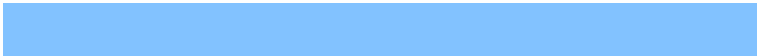
1.4177, 1.1694, 0.1510

Inverse Universe

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



37.1687, 40.4399, 72.8643



46.5345, 50.5116, 101.9048



29.8892, 25.8807, 70.4378



12.8861, 13.7120, 16.6196



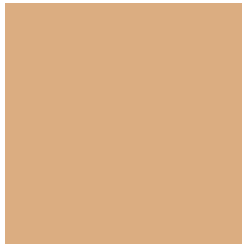
11.1222, 10.1138, 41.1044



0.8067, 0.8276, 2.6917

Previews

White Background



This preview shows how the XYZ color 48.1194, 46.5322, 27.2143 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 48.1194, 46.5322, 27.2143 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 48.1194, 46.5322, 27.2143

Background



This preview shows how black text looks on a background with the XYZ color 48.1194, 46.5322, 27.2143.



This preview shows how white text looks on a background with the XYZ color 48.1194, 46.5322,

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

48.1194, 46.5322, 27.2143

Protanopia

43.4673, 46.7515, 28.9233

Deuteranopia

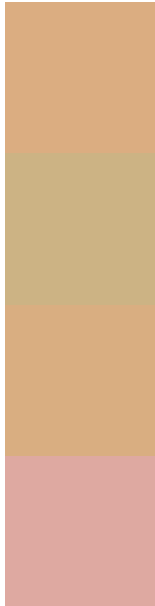
47.4174, 46.4560, 27.2366



Tritanopia

52.5134, 46.3744, 48.8312

Trichromacy



Original Color

48.1194, 46.5322, 27.2143

Protanomaly

45.1868, 46.7435, 28.4706

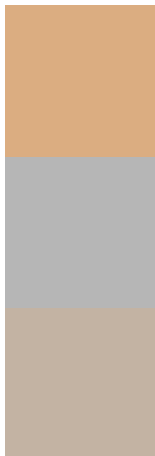
Deuteranomaly

47.7138, 46.6088, 27.2505

Tritanomaly

50.7452, 46.4787, 40.0149

Monochromacy



Original Color

48.1194, 46.5322, 27.2143

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.2366, 46.4866, 41.2389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1194, 46.5322, 27.2143 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(219, 173, 129)` looks like.

```
.text, #text, p{  
    color:rgb(219, 173, 129)  
}
```

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(219, 173, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 173, 129) }
```

Border

The CSS property to change the border of an element to XYZ 48.1194, 46.5322, 27.2143 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(219, 173, 129) }
```


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

```
.border{ border-color:rgb(219, 173, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 173, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 173, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 173, 129);  
box-shadow:4px 4px 4px 4px rgb(219, 173,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1194, 46.5322, 27.2143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 173, 129) }
```

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

```
.background{ background-color: rgb(219,  
173, 129) }
```

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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