

Converting Colors

XYZ(46.8191, 48.5627, 25.3183)

Have a look what the booklet for
XYZ(46.8191, 48.5627, 25.3183)
contains.

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Color

**XYZ(46.8191, 48.5627,
25.3183)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B67A
RGB	210, 182, 122
RGB Percent	82%, 71%, 48%
CMY	0.1765, 0.2863, 0.5216
CMYK	0.00, 0.13, 0.42, 0.18
HSL	41°, 49%, 65%
HSV	41°, 42%, 82%
XYZ	46.8191, 48.5627, 25.3183
YIQ	183.5320, 35.9480, -12.7240

Conversions

Conversions Part 2

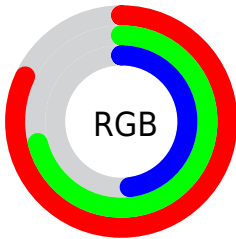
Format	Color
RYB	163, 210, 122
Decimal	13809274
CIELab	75.18, 1.87, 34.22
CIElCh	75, 34.270, 86.873
Yxy	48.5627, 0.3879, 0.4023
Android (android.graphics.Color)	4291999354 (0xFFD2B67A)
YUV	183.5320, -30.3353, 23.2124
Hunter-Lab	69.6869, -2.0271, 27.2399

Details

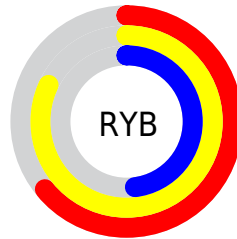
The XYZ color **46.8191, 48.5627, 25.3183** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.5648, 30.6023, 65.2684**, and the grayscale version is **45.4509, 47.8179, 52.0737**.

A 20% lighter version of the original color is **79.5524, 85.5042, 52.8685**, and **22.3464, 23.0384, 9.4000** is the 20% darker color. If you saturate the color by 10%, you get **44.3206, 45.4278, 18.7450**, and if you desaturate by 10%, it is **49.6665, 51.9451, 33.3961**.

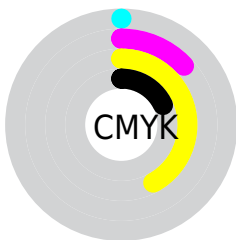
Distribution



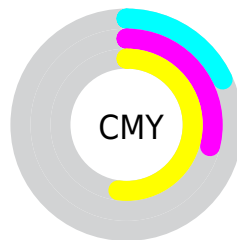
- Red (82%)
- Green (71%)
- Blue (48%)



- Red (64%)
- Yellow (82%)
- Blue (48%)



- Cyan (0%)
- Magenta (13%)
- Yellow (42%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8191, 48.5627, 25.3183 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 46.8191, 48.5627, 25.3183 by changing the saturation by 10% instead.


 46.8191, 48.5627,
25.3183


 46.8191, 48.5627,
25.3183


364.7530,
381.0182, 292.9177


 33.1000, 34.2727,
16.0932

 84.6639, 88.0416,
53.1436

 22.3627, 23.1032,
9.4350


 109.5204,
113.9993, 72.5809

 14.2417, 14.6697,
4.9254

 138.8200,
144.6151, 96.2594

 8.3718, 8.5879,
2.1456

172.9281,
180.2733, 124.5975

 4.3876, 4.4734,
0.6427

212.2101,
221.3583, 158.0139

 1.9236, 1.9417,
0.0000

257.0314,

 0.5905, 0.5733,

268.2545, 196.9270

0.0000

307.7572,
321.3464, 241.7554

■ 0.0000, 0.0000,
0.0000

■ 46.8191, 48.5627,
25.3183

■ 46.8191, 48.5627,
25.3183

■ 44.3206, 45.4278,
18.7450

■ 49.6665, 51.9451,
33.3961

■ 42.1482, 42.5246,
13.5764

■ 52.8766, 55.5767,
43.0634

■ 40.2817, 39.8453,
9.7058

■ 56.4670, 59.4677,
54.4023

■ 38.6967, 37.3787,
7.0092

■ 60.4528, 63.6254,
67.4884

■ 37.3641, 35.1115,
5.3383

■ 64.8482, 68.0569,
82.3928

■ 36.4298, 33.4048,
4.5277

■ 69.6667, 72.7688,
99.1823

■ 72.5838, 76.8327,
105.6124

■ 74.4656, 80.5963,
106.2396

■ 76.4192, 84.5036,
106.8908

Harmonies

Analogous

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



53.0754, 48.5627, 28.8820



46.8191, 48.5627, 25.3183



40.9118, 48.5627, 27.6400

Triad

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



46.8191, 48.5627, 25.3183



36.2029, 48.5627, 70.0983



57.0257, 48.5627, 74.1150

Complementary

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



46.8191, 48.5627, 25.3183



30.5648, 30.6023, 65.2684

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.



51.8332, 48.5627, 90.1091



46.8191, 48.5627, 25.3183



39.8683, 48.5627, 87.4449

Square

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



46.8191, 48.5627, 25.3183



35.1202, 48.5627, 51.0128



45.5019, 48.5627, 95.4664



59.2940, 48.5627, 54.7851

Rectangle

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



46.8191, 48.5627, 25.3183



37.8939, 48.5627, 32.5849



45.5019, 48.5627, 95.4664



55.5426, 48.5627, 80.2138

Sweetspot

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



46.8203, 48.5650, 25.3193



86.8923, 91.5010, 82.0836



39.1511, 29.8664, 33.1221



18.3248, 19.2914, 16.6953



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.



46.8203, 48.5650, 25.3193



69.2614, 71.1212, 30.3273



49.1514, 59.1447, 27.2385



12.4731, 13.1369, 12.4903



22.3158, 20.5646, 2.7932



1.3175, 1.2893, 0.1794

Inverse Universe

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



30.5648, 30.6023, 65.2684



40.8909, 39.7982, 100.1344



28.8548, 23.8631, 64.0577



11.4663, 12.0228, 14.9599



8.3937, 5.4341, 37.7990



0.5404, 0.4460, 2.1372

Previews

White Background



This preview shows how the XYZ color 46.8191, 48.5627, 25.3183 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 46.8191, 48.5627, 25.3183 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 46.8191, 48.5627, 25.3183

Background



This preview shows how black text looks on a background with the XYZ color 46.8191, 48.5627, 25.3183.

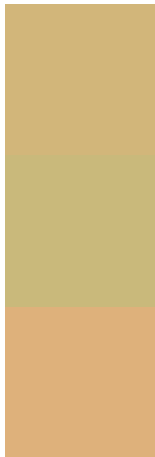


This preview shows how white text looks on a background with the XYZ color 46.8191, 48.5627,

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

46.8191, 48.5627, 25.3183

Protanopia

45.0115, 48.5455, 25.7367

Deuteranopia

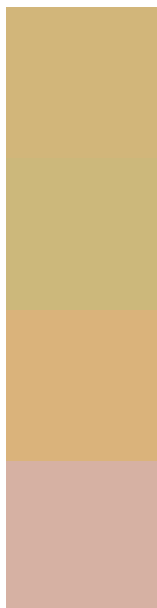
49.4215, 48.4039, 25.4770



Tritanopia

52.7210, 48.6117, 53.6180

Trichromacy



Original Color

46.8191, 48.5627, 25.3183

Protanomaly

45.6175, 48.5484, 25.7054

Deuteranomaly

48.6087, 48.5757, 25.5530

Tritanomaly

50.0646, 48.3848, 41.3508

Monochromacy



Original Color

46.8191, 48.5627, 25.3183

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.3588, 47.7776, 40.5496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8191, 48.5627, 25.3183 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, 182, 122)` looks like.

```
.text, #text, p{  
    color:rgb(210, 182, 122)  
}
```

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, 182, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 182, 122) }
```

Border

The CSS property to change the border of an element to XYZ 46.8191, 48.5627, 25.3183 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, 182, 122) }
```


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

```
.border{ border-color:rgb(210, 182, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 182, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 182, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 182, 122);  
box-shadow:4px 4px 4px 4px rgb(210, 182,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8191, 48.5627, 25.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 182, 122) }
```

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

```
.background{ background-color: rgb(210,  
182, 122) }
```

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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