

Converting Colors

XYZ(46.6003, 48.2112, 26.3384)

Have a look what the booklet for
XYZ(46.6003, 48.2112, 26.3384)
contains.

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Color

**XYZ(46.5200, 48.0837,
26.2313)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B57D
RGB	209, 181, 125
RGB Percent	82%, 71%, 49%
CMY	0.1804, 0.2902, 0.5098
CMYK	0.00, 0.13, 0.40, 0.18
HSL	40°, 48%, 65%
HSV	40°, 40%, 82%
XYZ	46.5200, 48.0837, 26.2313
YIQ	182.9880, 34.6640, -11.4800

Conversions

Conversions Part 2

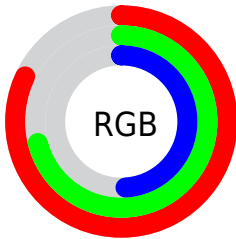
Format	Color
RYB	167, 209, 125
Decimal	13743485
CIELab	74.88, 2.32, 32.24
CIELCh	75, 32.323, 85.879
Yxy	48.0837, 0.3850, 0.3979
Android (android.graphics.Color)	4291933565 (0xFFD1B57D)
YUV	182.9880, -28.5881, 22.8125
Hunter-Lab	69.3424, -1.5983, 26.1111

Details

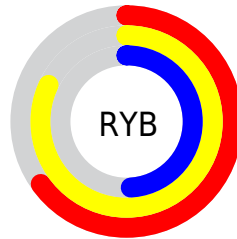
The XYZ color **46.5200, 48.0837, 26.2313** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.3570, 31.7448, 64.7961**, and the grayscale version is **45.1427, 47.4936, 51.7206**.

A 20% lighter version of the original color is **79.5601, 85.0427, 54.3411**, and **22.1260, 22.7186, 9.8756** is the 20% darker color. If you saturate the color by 10%, you get **43.9421, 44.8444, 19.4637**, and if you desaturate by 10%, it is **49.4521, 51.5815, 34.5040**.

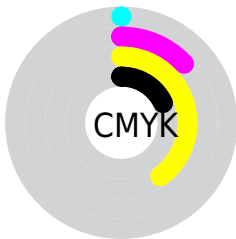
Distribution



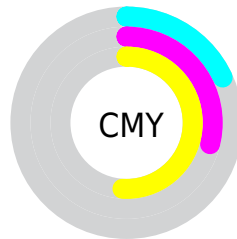
- Red (82%)
- Green (71%)
- Blue (49%)



- Red (65%)
- Yellow (82%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5200, 48.0837, 26.2313 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 46.5200, 48.0837, 26.2313 by changing the saturation by 10% instead.


 46.5200, 48.0837,
26.2313

 46.5200, 48.0837,
26.2313


363.5763,
379.1238, 297.5572

 32.8627, 33.8932,
16.7694


 84.2198, 87.3290,
54.6365

 22.1800, 22.8115,
9.9100


 108.9930,
113.1526, 74.4169

 14.1066, 14.4544,
5.2345


 138.2023,
143.6226, 98.4740

 8.2770, 8.4374,
2.3244

172.2129,
179.1236, 127.2262

 4.3260, 4.3761,
0.7448

211.3903,
220.0397, 161.0921

 1.8882, 1.8861,
0.0000

256.0997,

 0.5700, 0.5400,

266.7556, 200.4902

0.0000

306.7066,
319.6555, 245.8390

■ 0.0000, 0.0000,
0.0000

■ 46.5200, 48.0837,
26.2313

■ 46.5200, 48.0837,
26.2313

■ 43.9421, 44.8444,
19.4637

■ 49.4521, 51.5815,
34.5040

■ 41.6959, 41.8477,
14.1044

■ 52.7520, 55.3396,
44.3646

■ 39.7620, 39.0859,
10.0496


■ 56.4369, 59.3682,
55.8933

■ 38.1165, 36.5477,
7.1803


■ 60.5217, 63.6748,
69.1641


■ 36.7316, 34.2203,
5.3547

■ 65.0205, 68.2665,
84.2465

 35.5771, 32.1207,
4.3248

 69.9466, 73.1501,
101.2060

 72.5755, 77.2373,
105.6909

 74.5502, 81.1868,
106.3491

 76.6032, 85.2928,
107.0335

Harmonies

Analogous

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



52.3466, 48.0837, 29.8519



46.5200, 48.0837, 26.2313



40.9399, 48.0837, 28.2792

Triad

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



46.5200, 48.0837, 26.2313



36.2602, 48.0837, 67.8085



55.7223, 48.0837, 72.7144

Complementary

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



46.5200, 48.0837, 26.2313



31.3570, 31.7448, 64.7961

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.



50.8201, 48.0837, 87.2520



46.5200, 48.0837, 26.2313



39.6451, 48.0837, 84.0196

Square

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



46.5200, 48.0837, 26.2313



35.3212, 48.0837, 50.0608



44.8939, 48.0837, 91.7775



57.9405, 48.0837, 54.7182

Rectangle

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



46.5200, 48.0837, 26.2313



38.0521, 48.0837, 32.8826



44.8939, 48.0837, 91.7775



54.3143, 48.0837, 78.3063

Sweetspot

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



46.5212, 48.0859, 26.2323



87.3413, 91.8485, 83.9309



39.3782, 30.5230, 33.9536



18.5270, 19.4778, 17.4352



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.



46.5212, 48.0859, 26.2323



69.5451, 71.1405, 32.1118



49.0079, 58.6836, 28.1468



12.4577, 13.1060, 12.4852



22.0297, 19.9925, 2.6978



1.3031, 1.2605, 0.1746

Inverse Universe

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



31.3570, 31.7448, 64.7961



42.6788, 42.2121, 100.5061



29.4902, 24.7603, 63.5464



11.4810, 12.0523, 14.9649



8.5144, 5.6754, 37.8392



0.5484, 0.4621, 2.1398

Previews

White Background



This preview shows how the XYZ color 46.5200, 48.0837, 26.2313 looks on a white background.

Color Contrast Check

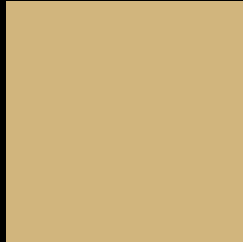
Large Text (above 18pt) WCAG AA × Fail

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 46.5200, 48.0837, 26.2313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

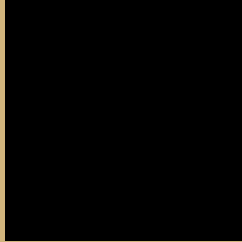
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5200, 48.0837, 26.2313

Background



This preview shows how black text looks on a background with the XYZ color 46.5200, 48.0837, 26.2313.



This preview shows how white text looks on a background with the XYZ color 46.5200, 48.0837,

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

46.5200, 48.0837, 26.2313

Protanopia

44.4596, 47.9295, 26.6467

Deuteranopia

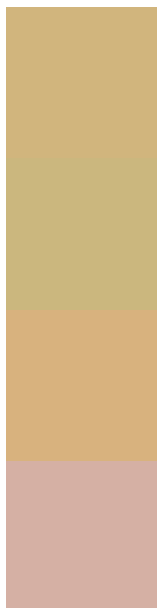
48.8064, 47.7727, 26.3873



Tritanopia

51.9375, 47.9221, 53.5262

Trichromacy



Original Color

46.5200, 48.0837, 26.2313

Protanomaly

45.3280, 48.0698, 26.6280

Deuteranomaly

48.0052, 47.9461, 26.4630

Tritanomaly

49.6667, 47.8771, 41.7455

Monochromacy



Original Color

46.5200, 48.0837, 26.2313

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.9878, 47.2710, 40.9355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5200, 48.0837, 26.2313 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, 181, 125)` looks like.

```
.text, #text, p{  
    color:rgb(209, 181, 125)  
}
```

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, 181, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 181, 125) }
```

Border

The CSS property to change the border of an element to XYZ 46.5200, 48.0837, 26.2313 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, 181, 125) }
```


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

```
.border{ border-color:rgb(209, 181, 125) }
```

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

Here you see how a box with a 4 pixel rgb(209, 181, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 181, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 181, 125);  
box-shadow:4px 4px 4px 4px rgb(209, 181,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5200, 48.0837, 26.2313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 181, 125) }
```

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

```
.background{ background-color: rgb(209,  
181, 125) }
```

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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