

Converting Colors

XYZ(48.4205, 49.4774, 25.5986)

Have a look what the booklet for
XYZ(48.4205, 49.4774, 25.5986)
contains.

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Color

**XYZ(48.3274, 49.3330,
25.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B67B
RGB	215, 182, 123
RGB Percent	84%, 71%, 48%
CMY	0.1569, 0.2863, 0.5176
CMYK	0.00, 0.15, 0.43, 0.16
HSL	38°, 53%, 66%
HSV	38°, 43%, 84%
XYZ	48.3274, 49.3330, 25.7140
YIQ	185.1410, 38.6070, -11.3530

Conversions

Conversions Part 2

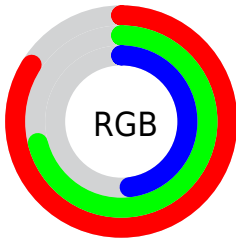
Format	Color
RYB	174, 215, 123
Decimal	14136955
CIELab	75.66, 4.00, 34.41
CIELCh	76, 34.639, 83.373
Yxy	49.3330, 0.3917, 0.3999
Android (android.graphics.Color)	4292327035 (0xFFD7B67B)
YUV	185.1410, -30.6355, 26.1863
Hunter-Lab	70.2375, -0.0973, 27.4601

Details

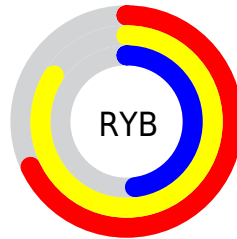
The XYZ color **48.3274, 49.3330, 25.7140** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.3222, 32.8930, 68.9353**, and the grayscale version is **46.3437, 48.7572, 53.0966**.

A 20% lighter version of the original color is **79.6510, 85.5437, 53.3878**, and **23.1534, 23.4507, 9.6094** is the 20% darker color. If you saturate the color by 10%, you get **45.5910, 45.7826, 18.8753**, and if you desaturate by 10%, it is **51.4488, 53.1802, 34.1403**.

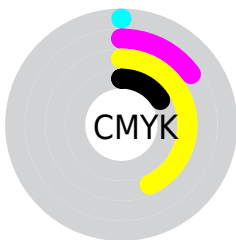
Distribution



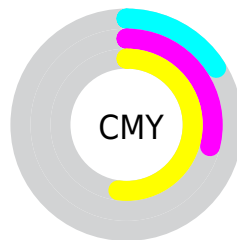
- Red (84%)
- Green (71%)
- Blue (48%)



- Red (68%)
- Yellow (84%)
- Blue (48%)



- Cyan (0%)
- Magenta (15%)
- Yellow (43%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3274, 49.3330, 25.7140 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 48.3274, 49.3330, 25.7140 by changing the saturation by 10% instead.

■ 48.3274, 49.3330,
25.7140

■ 48.3274, 49.3330,
25.7140

370.6494,
384.0518, 294.9360

■ 34.2986, 34.8837,
16.3860

■ 86.8984, 89.1858,
53.7916

■ 23.2870, 23.5733,
9.6404

■ 112.1713,
115.3582, 73.3782

■ 14.9275, 15.0174,
5.0587

■ 141.9229,
146.2070, 97.2215

■ 8.8545, 8.8316,
2.2224

176.5186,
182.1166, 125.7399

■ 4.7027, 4.6315,
0.6873

216.3238,
223.4715, 159.3520

■ 2.1069, 2.0327,
0.0000

261.7037,

■ 0.6929, 0.6264,

270.6561, 198.4764

0.0000

313.0238,
324.0547, 243.5315

■ 0.0000, 0.0000,
0.0000

■ 48.3274, 49.3330,
25.7140

■ 48.3274, 49.3330,
25.7140

■ 45.5910, 45.7826,
18.8753

■ 51.4488, 53.1802,
34.1403

■ 43.2149, 42.5115,
13.5177

■ 54.9707, 57.3270,
44.2453

■ 41.1772, 39.5103,
9.5263


■ 58.9121, 61.7851,
56.1166


■ 39.4510, 36.7662,
6.7677


■ 63.2893, 66.5630,
69.8350


■ 38.0045, 34.2638,
5.0814

■ 68.1181, 71.6690,
85.4762

 37.0973, 32.5930,
4.3358

 73.4130, 77.1110,
103.1116

 76.0642, 81.6470,
106.3582

 78.3323, 86.1831,
107.1142

 80.6973, 90.9132,
107.9025

Harmonies

Analogous

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



54.6394, 49.3330, 30.0622



48.3274, 49.3330, 25.7140



42.1649, 49.3330, 27.3779

Triad

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



48.3274, 49.3330, 25.7140



36.4549, 49.3330, 68.9817



57.5003, 49.3330, 77.6646

Complementary

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



48.3274, 49.3330, 25.7140



32.3222, 32.8930, 68.9353

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.



51.9545, 49.3330, 93.1004



48.3274, 49.3330, 25.7140



39.9095, 49.3330, 87.3414

Square

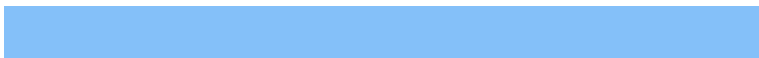
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.3274, 49.3330, 25.7140



35.6745, 49.3330, 49.7410



45.4805, 49.3330, 96.9950



60.2385, 49.3330, 57.8958

Rectangle

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



48.3274, 49.3330, 25.7140



38.9194, 49.3330, 31.9132



45.4805, 49.3330, 96.9950



55.8797, 49.3330, 83.6992

Sweetspot

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



48.3286, 49.3353, 25.7150



86.4885, 90.6936, 81.9491



41.1706, 31.0387, 35.6007



18.2248, 19.0913, 16.6620



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.



48.3286, 49.3353, 25.7150



67.5819, 68.0263, 28.9537



52.4317, 62.6900, 28.0765



13.0808, 13.7358, 13.1226



22.2922, 19.7017, 2.6279



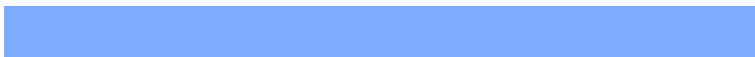
1.4216, 1.3424, 0.1842

Inverse Universe

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



32.3222, 32.8930, 68.9353



41.1750, 40.9259, 100.3371



29.3838, 24.2459, 67.4210



12.1035, 12.7304, 15.7568



9.0198, 6.3014, 39.1940



0.6211, 0.5343, 2.3897

Previews

White Background



This preview shows how the XYZ color 48.3274, 49.3330, 25.7140 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 48.3274, 49.3330, 25.7140 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 48.3274, 49.3330, 25.7140

Background



This preview shows how black text looks on a background with the XYZ color 48.3274, 49.3330, 25.7140.



This preview shows how white text looks on a background with the XYZ color 48.3274, 49.3330,

25.7140.

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

48.3274, 49.3330, 25.7140

Protanopia

45.8291, 49.5779, 26.5561

Deuteranopia

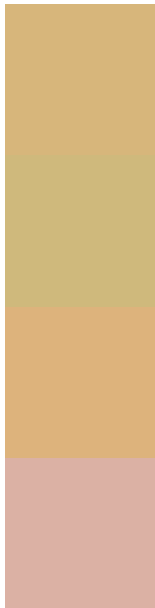
50.2990, 49.1433, 25.9034



Tritanopia

53.9245, 49.2321, 53.6743

Trichromacy



Original Color

48.3274, 49.3330, 25.7140

Protanomaly

46.7192, 49.4186, 26.1452

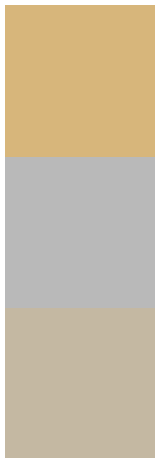
Deuteranomaly

49.5770, 49.0676, 25.9268

Tritanomaly

51.6364, 49.1847, 41.8940

Monochromacy



Original Color

48.3274, 49.3330, 25.7140

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4270, 48.6254, 41.1211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3274, 49.3330, 25.7140 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(215, 182, 123)` looks like.

```
.text, #text, p{  
    color:rgb(215, 182, 123)  
}
```

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(215, 182, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 182, 123) }
```

Border

The CSS property to change the border of an element to XYZ 48.3274, 49.3330, 25.7140 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(215, 182, 123) }
```


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

```
.border{ border-color:rgb(215, 182, 123) }
```

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

Here you see how a box with a 4 pixel rgb(215, 182, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 182, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 182, 123);  
box-shadow:4px 4px 4px 4px rgb(215, 182,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3274, 49.3330, 25.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 182, 123) }
```

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

```
.background{ background-color: rgb(215,  
182, 123) }
```

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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