

Converting Colors

XYZ(48.3945, 49.7029, 27.8472)

Have a look what the booklet for
XYZ(48.3945, 49.7029, 27.8472)
contains.

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Color

**XYZ(48.3365, 49.5981,
27.7947)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B781
RGB	213, 183, 129
RGB Percent	84%, 72%, 51%
CMY	0.1647, 0.2823, 0.4941
CMYK	0.00, 0.14, 0.39, 0.16
HSL	39°, 50%, 67%
HSV	39°, 39%, 84%
XYZ	48.3365, 49.5981, 27.7947
YIQ	185.8140, 35.2140, -10.4340

Conversions

Conversions Part 2

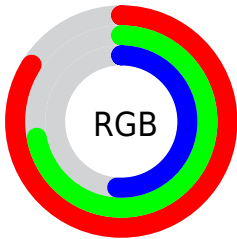
Format	Color
R _Y B	176, 213, 129
Decimal	14006145
CIE Lab	75.82, 3.32, 31.44
CIE LCh	76, 31.617, 83.979
Yxy	49.5981, 0.3844, 0.3945
Android (android.graphics.Color)	4292196225 (0xFFD5B781)
YUV	185.8140, -28.0093, 23.8421
Hunter-Lab	70.4259, -0.7327, 25.8984

Details

The XYZ color **48.3365, 49.5981, 27.7947** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.4613, 34.2663, 67.8012**, and the grayscale version is **46.7071, 49.1395, 53.5129**.

A 20% lighter version of the original color is **80.5500, 86.3704, 56.6817**, and **23.2985, 23.6979, 10.7433** is the 20% darker color. If you saturate the color by 10%, you get **45.5393, 46.0383, 20.5904**, and if you desaturate by 10%, it is **51.5161, 53.4502, 36.5835**.

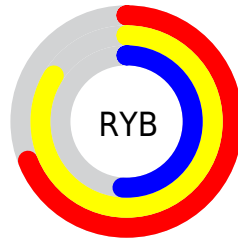
Distribution



Red (84%)

Green (72%)

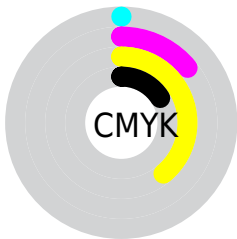
Blue (51%)



Red (69%)

Yellow (84%)

Blue (51%)

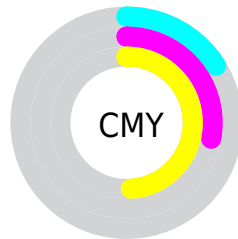


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (16%)



Cyan (16%)

Magenta (28%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3365, 49.5981, 27.7947 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 48.3365, 49.5981, 27.7947 by changing the saturation by 10% instead.

■ 48.3365, 49.5981,
27.7947

■ 48.3365, 49.5981,
27.7947

370.6848,
385.0922, 305.3656

■ 34.3058, 35.0942,
17.9333

■ 86.9119, 89.5791,
57.1757

■ 23.2926, 23.7354,
10.7331

■ 112.1873,
115.8250, 77.5323

■ 14.9316, 15.1375,
5.7758

■ 141.9416,
146.7536, 102.2243

■ 8.8574, 8.9159,
2.6427

176.5402,
182.7494, 131.6704

■ 4.7047, 4.6864,
0.9144

216.3485,
224.1968, 166.2890

■ 2.1080, 2.0645,
0.0000

261.7318,

■ 0.6936, 0.6445,

271.4801, 206.4987

0.0000

313.0554,
324.9838, 252.7181

■ 0.0000, 0.0000,
0.0000

■ 48.3365, 49.5981,
27.7947

■ 48.3365, 49.5981,
27.7947

■ 45.5393, 46.0383,
20.5904

■ 51.5161, 53.4502,
36.5835

■ 43.1011, 42.7537,
14.8699

■ 55.0925, 57.5970,
47.0432

■ 41.0010, 39.7358,
10.5253


■ 59.0840, 62.0495,
59.2574


■ 39.2144, 36.9724,
7.4330


■ 63.5063, 66.8161,
73.3032

■ 37.7120, 34.4495,
5.4465


■ 68.3742, 71.9047,
89.2532


 36.4455, 32.1455,
4.3183

 73.4106, 77.2062,
105.6409

 36.3778, 32.0207,
4.2633

 75.5571, 81.4992,
106.3564

 77.7969, 85.9788,
107.1030

 80.1311, 90.6473,
107.8811

Harmonies

Analogous

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



54.1024, 49.5981, 31.8344



48.3365, 49.5981, 27.7947



42.6976, 49.5981, 29.5075

Triad

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



48.3365, 49.5981, 27.7947



37.5542, 49.5981, 68.2491



56.8820, 49.5981, 75.3536

Complementary

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



48.3365, 49.5981, 27.7947



33.4613, 34.2663, 67.8012

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.



51.8835, 49.5981, 89.2891



48.3365, 49.5981, 27.7947



40.8049, 49.5981, 84.6272

Square

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



48.3365, 49.5981, 27.7947



36.7753, 49.5981, 50.6806



45.9664, 49.5981, 92.9941



59.2928, 49.5981, 57.4693

Rectangle

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



48.3365, 49.5981, 27.7947



39.7237, 49.5981, 33.9070



45.9664, 49.5981, 92.9941



55.4296, 49.5981, 80.7927

Sweetspot

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



48.3377, 49.6004, 27.7957



87.1216, 91.4090, 83.8577



41.6188, 32.3782, 37.2227



18.4752, 19.3741, 17.4180



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.



48.3377, 49.6004, 27.7957



69.2181, 70.2023, 32.8793



52.0599, 61.7021, 29.9354



13.0825, 13.7392, 13.1231



22.3209, 19.7589, 2.6374



1.4232, 1.3456, 0.1847

Inverse Universe

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



33.4613, 34.2663, 67.8012



43.9756, 44.2028, 100.8220



30.7100, 26.0981, 66.3695



12.1019, 12.7272, 15.7563



9.0055, 6.2729, 39.1893



0.6202, 0.5324, 2.3894

Previews

White Background



This preview shows how the XYZ color 48.3365, 49.5981, 27.7947 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 48.3365, 49.5981, 27.7947 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

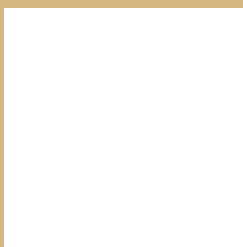
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3365, 49.5981, 27.7947

Background



This preview shows how black text looks on a background with the XYZ color 48.3365, 49.5981, 27.7947.



This preview shows how white text looks on a background with the XYZ color 48.3365, 49.5981,

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

48.3365, 49.5981, 27.7947

Protanopia

46.2242, 49.7359, 28.6364

Deuteranopia

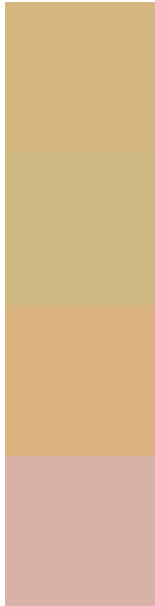
50.5808, 49.5399, 28.0154



Tritanopia

53.7287, 49.3941, 54.8463

Trichromacy



Original Color

48.3365, 49.5981, 27.7947

Protanomaly

47.0418, 49.8513, 28.2620

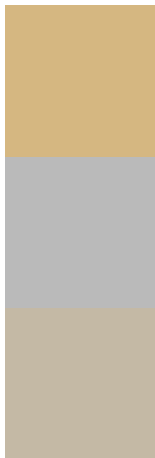
Deuteranomaly

49.5639, 49.3143, 28.0254

Tritanomaly

51.5107, 49.3825, 43.3761

Monochromacy



Original Color

48.3365, 49.5981, 27.7947

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.9054, 49.1503, 42.6121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3365, 49.5981, 27.7947 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(213, 183, 129)` looks like.

```
.text, #text, p{  
    color:rgb(213, 183, 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(213, 183, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 183, 129) }
```

Border

The CSS property to change the border of an element to XYZ 48.3365, 49.5981, 27.7947 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(213, 183, 129) }
```


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

```
.border{ border-color:rgb(213, 183, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 183, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 183, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 183, 129);  
box-shadow:4px 4px 4px 4px rgb(213, 183,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3365, 49.5981, 27.7947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 183, 129) }
```

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

```
.background{ background-color: rgb(213,  
183, 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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