

Converting Colors

XYZ(49.2041, 50.6773, 27.2670)

Have a look what the booklet for
XYZ(49.2041, 50.6773, 27.2670)
contains.

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Color

**XYZ(49.2041, 50.6773,
27.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B97F
RGB	215, 185, 127
RGB Percent	84%, 73%, 50%
CMY	0.1569, 0.2745, 0.5020
CMYK	0.00, 0.14, 0.41, 0.16
HSL	40°, 52%, 67%
HSV	40°, 41%, 84%
XYZ	49.2041, 50.6773, 27.2670
YIQ	187.3580, 36.4980, -11.6780

Conversions

Conversions Part 2

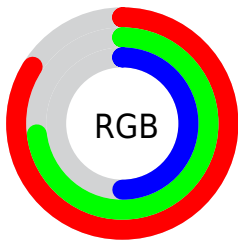
Format	Color
RYB	173, 215, 127
Decimal	14137727
CIELab	76.48, 2.84, 33.39
CIELCh	76, 33.511, 85.138
Yxy	50.6773, 0.3870, 0.3986
Android (android.graphics.Color)	4292327807 (0xFFD7B97F)
YUV	187.3580, -29.7565, 24.2420
Hunter-Lab	71.1880, -1.2024, 27.1219

Details

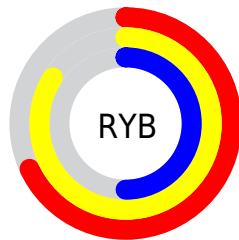
The XYZ color **49.2041, 50.6773, 27.2670** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.0748, 33.5312, 69.0190**, and the grayscale version is **47.5858, 50.0640, 54.5197**.

A 20% lighter version of the original color is **80.9335, 87.4659, 55.7970**, and **23.8889, 24.4093, 10.4736** is the 20% darker color. If you saturate the color by 10%, you get **46.4563, 47.1898, 20.1603**, and if you desaturate by 10%, it is **52.3325, 54.4472, 35.9768**.

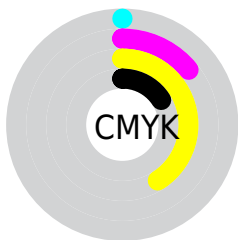
Distribution



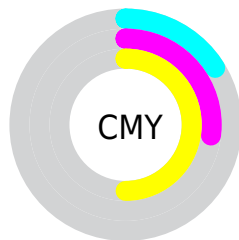
- Red (84%)
- Green (73%)
- Blue (50%)



- Red (68%)
- Yellow (84%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2041, 50.6773, 27.2670 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 49.2041, 50.6773, 27.2670 by changing the saturation by 10% instead.

■ 49.2041, 50.6773,
27.2670

■ 49.2041, 50.6773,
27.2670

374.0489,
389.3087, 302.7485

■ 34.9966, 35.9519,
17.5396

■ 88.1934, 91.1776,
56.3210

■ 23.8268, 24.3970,
10.4540

■ 113.7059,
117.7212, 76.4846

■ 15.3292, 15.6284,
5.5915

■ 143.7175,
148.9730, 100.9642

■ 9.1386, 9.2616,
2.5336

178.5936,
185.3174, 130.1781

■ 4.8895, 4.9122,
0.8579

218.6994,
227.1388, 164.5450

■ 2.2167, 2.1958,
0.0000

264.4003,

■ 0.7515, 0.7177,

274.8216, 204.4833

0.0000

316.0617,
328.7501, 250.4116

■ 0.0000, 0.0000,
0.0000

■ 49.2041, 50.6773,
27.2670

■ 49.2041, 50.6773,
27.2670

■ 46.4563, 47.1898,
20.1603

■ 52.3325, 54.4472,
35.9768

■ 44.0649, 43.9676,
14.5520

■ 55.8564, 58.5017,
46.3791

■ 42.0085, 41.0020,
10.3300

■ 59.7942, 62.8519,
58.5604

■ 40.2615, 38.2809,
7.3649

■ 64.1622, 67.5060,
72.6003

■ 38.7933, 35.7899,
5.5023

■ 68.9756, 72.4719,
88.5735

■ 37.6552, 33.7088,
4.5218

■ 74.0870, 77.6923,
105.6991

■ 76.1575, 81.8333,
106.3892

■ 78.3146, 86.1475,
107.1083

■ 80.5593, 90.6370,
107.8565

Harmonies

Analogous

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



55.4497, 50.6773, 31.2728



49.2041, 50.6773, 27.2670



43.1891, 50.6773, 29.2967

Triad

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



49.2041, 50.6773, 27.2670



37.9860, 50.6773, 71.3163



58.8379, 50.6773, 77.5488

Complementary

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



49.2041, 50.6773, 27.2670



33.0748, 33.5312, 69.0190

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.



53.5140, 50.6773, 93.0451



49.2041, 50.6773, 27.2670



41.5521, 50.6773, 88.9302

Square

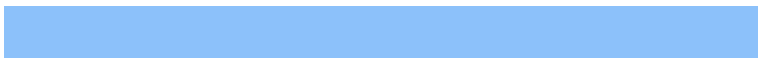
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.2041, 50.6773, 27.2670



37.0491, 50.6773, 52.2828



47.1451, 50.6773, 97.6085



61.3131, 50.6773, 58.1802

Rectangle

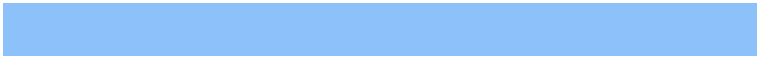
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.2041, 50.6773, 27.2670



40.0599, 50.6773, 34.0969



47.1451, 50.6773, 97.6085



57.3007, 50.6773, 83.5370

Sweetspot

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



49.2054, 50.6797, 27.2680



87.2713, 91.7084, 83.9076



41.7684, 32.0881, 36.2503



18.5105, 19.4447, 17.4297



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.



49.2054, 50.6797, 27.2680



68.9188, 70.1654, 31.0476



52.4345, 62.6620, 29.4107



13.0998, 13.7739, 13.1289



22.6242, 20.3656, 2.7385



1.4400, 1.3792, 0.1903

Inverse Universe

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



33.0748, 33.5312, 69.0190



42.1382, 41.7189, 100.4394



30.7046, 25.6785, 67.6282



12.0852, 12.6938, 15.7507



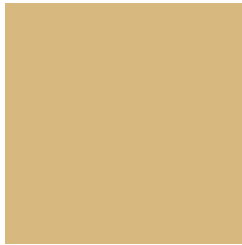
8.8613, 5.9844, 39.1412



0.6102, 0.5124, 2.3860

Previews

White Background



This preview shows how the XYZ color 49.2041, 50.6773, 27.2670 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 49.2041, 50.6773, 27.2670 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 49.2041, 50.6773, 27.2670

Background



This preview shows how black text looks on a background with the XYZ color 49.2041, 50.6773, 27.2670.



This preview shows how white text looks on a background with the XYZ color 49.2041, 50.6773,

27.2670.

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

49.2041, 50.6773, 27.2670

Protanopia

47.0619, 50.8175, 28.0972

Deuteranopia

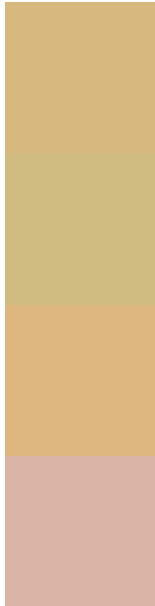
51.7842, 50.7750, 27.4933



Tritanopia

55.2503, 50.7355, 56.1711

Trichromacy



Original Color

49.2041, 50.6773, 27.2670

Protanomaly

47.8919, 50.9348, 27.7293

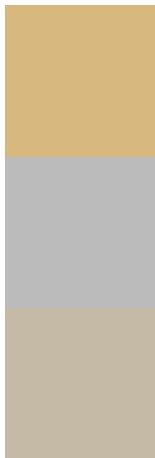
Deuteranomaly

50.7484, 50.5440, 27.5033

Tritanomaly

52.6026, 50.5297, 44.0265

Monochromacy



Original Color

49.2041, 50.6773, 27.2670

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.3764, 49.7047, 42.6943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2041, 50.6773, 27.2670 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, 185, 127)` looks like.

```
.text, #text, p{  
    color:rgb(215, 185, 127)  
}
```

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, 185, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 185, 127) }
```

Border

The CSS property to change the border of an element to XYZ 49.2041, 50.6773, 27.2670 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, 185, 127) }
```


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

```
.border{ border-color:rgb(215, 185, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 185, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 185, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 185, 127);  
box-shadow:4px 4px 4px 4px rgb(215, 185,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2041, 50.6773, 27.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 185, 127) }
```

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

```
.background{ background-color: rgb(215,  
185, 127) }
```

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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