

Converting Colors

XYZ(49.8951, 51.2389, 27.5106)

Have a look what the booklet for
XYZ(49.8951, 51.2389, 27.5106)
contains.

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Color

**XYZ(50.0705, 51.4280,
27.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BA80
RGB	217, 186, 128
RGB Percent	85%, 73%, 50%
CMY	0.1490, 0.2706, 0.4980
CMYK	0.00, 0.14, 0.41, 0.15
HSL	39°, 54%, 68%
HSV	39°, 41%, 85%
XYZ	50.0705, 51.4280, 27.7097
YIQ	188.6570, 37.0940, -11.4660

Conversions

Conversions Part 2

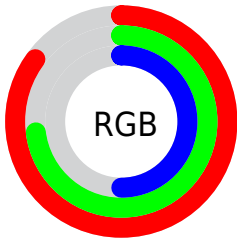
Format	Color
RYB	176, 217, 128
Decimal	14269056
CIELab	76.94, 3.22, 33.50
CIELCh	77, 33.650, 84.502
Yxy	51.4280, 0.3875, 0.3980
Android (android.graphics.Color)	4292459136 (0xFFD9BA80)
YUV	188.6570, -29.9039, 24.8568
Hunter-Lab	71.7133, -0.8690, 27.2899

Details

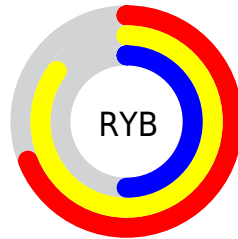
The XYZ color **50.0705, 51.4280, 27.7097** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.8244, 34.3942, 70.5018**, and the grayscale version is **48.3254, 50.8421, 55.3671**.

A 20% lighter version of the original color is **81.3326, 88.1005, 56.4345**, and **24.4606, 24.9022, 10.7251** is the 20% darker color. If you saturate the color by 10%, you get **47.2423, 47.8181, 20.4580**, and if you desaturate by 10%, it is **53.2910, 55.3334, 36.6002**.

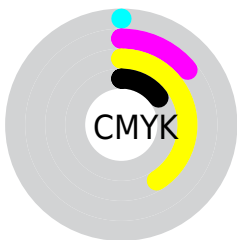
Distribution



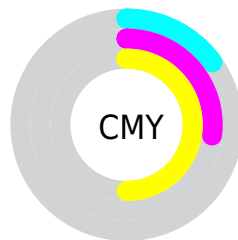
- Red (85%)
- Green (73%)
- Blue (50%)



- Red (69%)
- Yellow (85%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0705, 51.4280, 27.7097 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 50.0705, 51.4280, 27.7097 by changing the saturation by 10% instead.

■ 50.0705, 51.4280,
27.7097

■ 50.0705, 51.4280,
27.7097

377.3890,
392.2244, 304.9453

■ 35.6874, 36.5493,
17.8698

■ 89.4705, 92.2871,
57.0381

■ 24.3619, 24.8588,
10.6881

■ 115.2182,
119.0364, 77.3638

■ 15.7285, 15.9719,
5.7460

■ 145.4848,
150.5113, 102.0217

■ 9.4218, 9.5042,
2.6250

180.6357,
187.0962, 131.4305

■ 5.0766, 5.0715,
0.9053

221.0362,
229.1756, 166.0088

■ 2.3275, 2.2893,
0.0000

267.0517,

■ 0.8087, 0.7680,

277.1338, 206.1750

0.0000

319.0475,
331.3553, 252.3476

■ 0.0000, 0.0000,
0.0000

■ 50.0705, 51.4280,
27.7097

■ 50.0705, 51.4280,
27.7097

■ 47.2423, 47.8181,
20.4580

■ 53.2910, 55.3334,
36.6002

■ 44.7815, 44.4859,
14.7380

■ 56.9190, 59.5366,
47.2210

■ 42.6663, 41.4225,
10.4349


■ 60.9737, 64.0493,
59.6609


■ 40.8700, 38.6152,
7.4157


■ 65.4716, 68.8799,
74.0011

■ 39.3615, 36.0491,
5.5224


■ 70.4285, 74.0366,
90.3184

 38.2033, 33.9277,
4.5352

 75.3391, 79.3193,
105.9471

 77.5045, 83.6500,
106.6689

 79.7623, 88.1658,
107.4215

 82.1138, 92.8688,
108.2053

Harmonies

Analogous

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



56.3881, 51.4280, 31.9059



50.0705, 51.4280, 27.7097



43.9481, 51.4280, 29.6388

Triad

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



50.0705, 51.4280, 27.7097



38.5070, 51.4280, 71.9382



59.6108, 51.4280, 79.0808

Complementary

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



50.0705, 51.4280, 27.7097



33.8244, 34.3942, 70.5018

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.



54.1694, 51.4280, 94.6222



50.0705, 51.4280, 27.7097



42.0712, 51.4280, 89.9075

Square

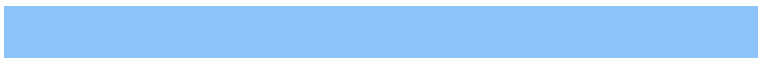
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.0705, 51.4280, 27.7097



37.6161, 51.4280, 52.6839



47.7100, 51.4280, 98.9637



62.1959, 51.4280, 59.4448

Rectangle

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



50.0705, 51.4280, 27.7097



40.7450, 51.4280, 34.4157



47.7100, 51.4280, 98.9637



58.0332, 51.4280, 85.1142

Sweetspot

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



50.0718, 51.4304, 27.7107



87.2029, 91.5716, 83.8848



42.6059, 32.6991, 36.9358



18.4944, 19.4125, 17.4244



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.



50.0718, 51.4304, 27.7107



68.6875, 69.7027, 30.9704



53.5154, 63.9724, 29.9501



13.7607, 14.4608, 13.7915



23.2286, 20.7427, 2.7795



1.5843, 1.5028, 0.2066

Inverse Universe

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



33.8244, 34.3942, 70.5018



42.3158, 42.0742, 100.4986



31.2882, 26.1422, 69.0426



12.7077, 13.3552, 16.5602



9.2179, 6.3052, 40.4696



0.6762, 0.5666, 2.6482

Previews

White Background



This preview shows how the XYZ color 50.0705, 51.4280, 27.7097 looks on a white background.

Color Contrast Check

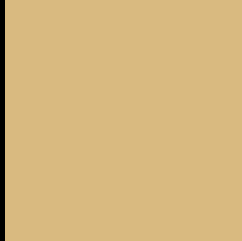
Large Text (above 18pt) WCAG AA × Fail

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 50.0705, 51.4280, 27.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

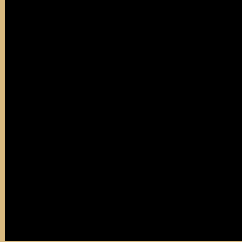
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0705, 51.4280, 27.7097

Background



This preview shows how black text looks on a background with the XYZ color 50.0705, 51.4280, 27.7097.



This preview shows how white text looks on a background with the XYZ color 50.0705, 51.4280,

27.7097.

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

50.0705, 51.4280, 27.7097

Protanopia

47.8963, 51.5604, 28.5468

Deuteranopia

52.3689, 51.3718, 27.9245



Tritanopia

56.1753, 51.4939, 56.8477

Trichromacy



Original Color

50.0705, 51.4280, 27.7097

Protanomaly

48.7384, 51.6818, 28.1757

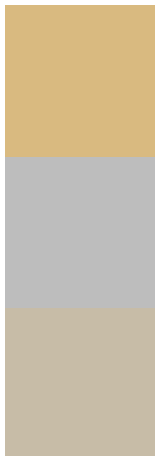
Deuteranomaly

51.3274, 51.1399, 27.9346

Tritanomaly

53.5041, 51.2845, 44.6150

Monochromacy



Original Color

50.0705, 51.4280, 27.7097

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.5115, 50.8986, 43.8268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0705, 51.4280, 27.7097 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(217, 186, 128)` looks like.

```
.text, #text, p{  
    color:rgb(217, 186, 128)  
}
```

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(217, 186, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 186, 128) }
```

Border

The CSS property to change the border of an element to XYZ 50.0705, 51.4280, 27.7097 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(217, 186, 128) }
```


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

```
.border{ border-color:rgb(217, 186, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 186, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 186, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 186, 128);  
box-shadow:4px 4px 4px 4px rgb(217, 186,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0705, 51.4280, 27.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 186, 128) }
```

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

```
.background{ background-color: rgb(217,  
186, 128) }
```

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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