

Converting Colors

XYZ(49.2037, 50.8648, 27.8266)

Have a look what the booklet for
XYZ(49.2037, 50.8648, 27.8266)
contains.

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Color

**XYZ(49.2529, 50.9989,
28.0167)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BA81
RGB	214, 186, 129
RGB Percent	84%, 73%, 51%
CMY	0.1608, 0.2706, 0.4941
CMYK	0.00, 0.13, 0.40, 0.16
HSL	40°, 51%, 67%
HSV	40°, 40%, 84%
XYZ	49.2529, 50.9989, 28.0167
YIQ	187.8740, 34.9850, -11.7910

Conversions

Conversions Part 2

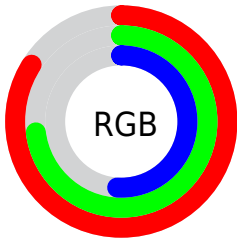
Format	Color
RYB	171, 214, 129
Decimal	14072449
CIELab	76.68, 2.13, 32.58
CIELCh	77, 32.652, 86.257
Yxy	50.9989, 0.3840, 0.3976
Android (android.graphics.Color)	4292262529 (0xFFD6BA81)
YUV	187.8740, -29.0249, 22.9125
Hunter-Lab	71.4135, -1.8647, 26.7290

Details

The XYZ color **49.2529, 50.9989, 28.0167** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.2475, 33.6350, 68.3582**, and the grayscale version is **47.8751, 50.3684, 54.8512**.

A 20% lighter version of the original color is **81.4356, 88.1417, 56.9769**, and **23.8994, 24.6087, 10.8875** is the 20% darker color. If you saturate the color by 10%, you get **46.5287, 47.5935, 20.8106**, and if you desaturate by 10%, it is **52.3508, 54.6748, 36.8182**.

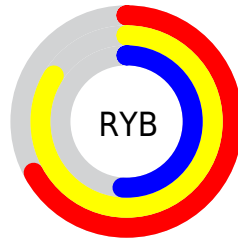
Distribution



Red (84%)

Green (73%)

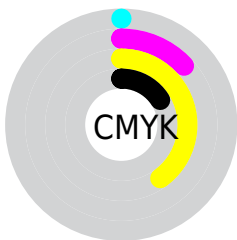
Blue (51%)



Red (67%)

Yellow (84%)

Blue (51%)

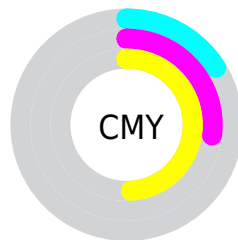


Cyan (0%)

Magenta (13%)

Yellow (40%)

Black (16%)



Cyan (16%)

Magenta (27%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2529, 50.9989, 28.0167 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 49.2529, 50.9989, 28.0167 by changing the saturation by 10% instead.

■ 49.2529, 50.9989,
28.0167

■ 49.2529, 50.9989,
28.0167

374.2375,
390.5595, 306.4612

■ 35.0355, 36.2077,
18.0991

■ 88.2654, 91.6531,
57.5345

■ 23.8569, 24.5947,
10.8510

■ 113.7912,
118.2850, 77.9718

■ 15.3516, 15.7753,
5.8538

■ 143.8173,
149.6326, 102.7528

■ 9.1545, 9.3653,
2.6890

178.7088,
186.0802, 132.2959

■ 4.9000, 4.9802,
0.9379

218.8313,
228.0123, 167.0198

■ 2.2229, 2.2357,
0.0000

264.5500,

■ 0.7547, 0.7393,

275.8133, 207.3429

0.0000

316.2303,
329.8676, 253.6839

■ 0.0000, 0.0000,
0.0000

■ 49.2529, 50.9989,
28.0167

■ 49.2529, 50.9989,
28.0167

■ 46.5287, 47.5935,
20.8106

■ 52.3508, 54.6748,
36.8182

■ 44.1546, 44.4417,
15.0977

■ 55.8368, 58.6228,
47.3024

■ 42.1100, 41.5356,
10.7687

■ 59.7289, 62.8538,
59.5541

■ 40.3699, 38.8634,
7.6980

■ 64.0429, 67.3755,
73.6513

■ 38.9051, 36.4116,
5.7368

■ 68.7937, 72.1955,
89.6675

■ 37.6652, 34.1582,
4.6253

■ 73.6061, 77.1652,
105.6227

■ 37.6320, 34.0970,
4.5980

■ 75.5881, 81.1293,
106.2833

■ 77.6502, 85.2534,
106.9707

■ 79.7931, 89.5393,
107.6850

Harmonies

Analogous

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



55.3794, 50.9989, 31.7603



49.2529, 50.9989, 28.0167



43.4024, 50.9989, 30.2538

Triad

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



49.2529, 50.9989, 28.0167



38.5757, 50.9989, 71.9913



59.0436, 50.9989, 76.6646

Complementary

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



49.2529, 50.9989, 28.0167



33.2475, 33.6350, 68.3582

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.



53.9238, 50.9989, 91.9933



49.2529, 50.9989, 28.0167



42.1659, 50.9989, 88.9173

Square

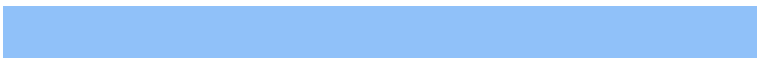
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.2529, 50.9989, 28.0167



37.5534, 50.9989, 53.3367



47.7012, 50.9989, 96.8939



61.3272, 50.9989, 57.7808

Rectangle

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



49.2529, 50.9989, 28.0167



40.3830, 50.9989, 35.1616



47.7012, 50.9989, 96.8939



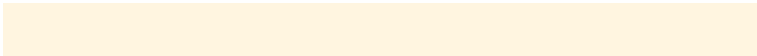
57.5770, 50.9989, 82.5472

Sweetspot

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



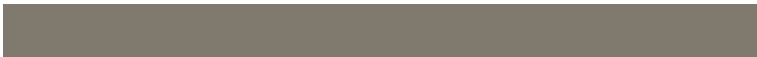
49.2542, 51.0013, 28.0177



87.3776, 91.9210, 83.9430



41.6965, 32.4429, 36.1127



18.5356, 19.4949, 17.4381



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.



49.2542, 51.0013, 28.0177



69.6669, 71.3840, 32.1523



51.7841, 61.9346, 29.9947



13.1122, 13.7985, 13.1330



22.8449, 20.8069, 2.8121



1.4521, 1.4035, 0.1944

Inverse Universe

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



33.2475, 33.6350, 68.3582



42.5867, 42.0278, 100.4754



31.3449, 26.4107, 67.0640



12.0734, 12.6701, 15.7468



8.7637, 5.7892, 39.1087



0.6033, 0.4986, 2.3838

Previews

White Background



This preview shows how the XYZ color 49.2529, 50.9989, 28.0167 looks on a white background.

Color Contrast Check

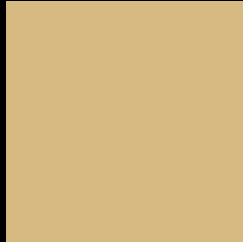
Large Text (above 18pt) WCAG AA × Fail

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 49.2529, 50.9989, 28.0167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

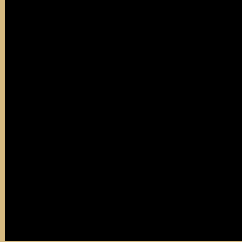
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2529, 50.9989, 28.0167

Background



This preview shows how black text looks on a background with the XYZ color 49.2529, 50.9989, 28.0167.



This preview shows how white text looks on a background with the XYZ color 49.2529, 50.9989,

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

49.2529, 50.9989, 28.0167

Protanopia

47.4037, 50.9860, 28.4619

Deuteranopia

51.9172, 50.8282, 28.1936



Tritanopia

55.2536, 51.0187, 56.8046

Trichromacy



Original Color

49.2529, 50.9989, 28.0167

Protanomaly

48.0249, 50.9880, 28.4296

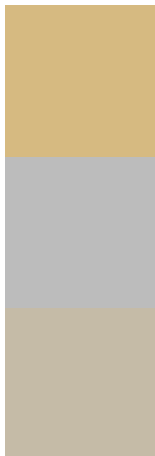
Deuteranomaly

51.0870, 51.0083, 28.2721

Tritanomaly

52.5987, 50.8177, 44.5727

Monochromacy



Original Color

49.2529, 50.9989, 28.0167

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.7713, 50.2010, 43.7312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2529, 50.9989, 28.0167 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(214, 186, 129)` looks like.

```
.text, #text, p{  
    color:rgb(214, 186, 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(214, 186, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 186, 129) }
```

Border

The CSS property to change the border of an element to XYZ 49.2529, 50.9989, 28.0167 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(214, 186, 129) }
```


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

```
.border{ border-color:rgb(214, 186, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 186, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 186, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 186, 129);  
box-shadow:4px 4px 4px 4px rgb(214, 186,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2529, 50.9989, 28.0167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 186, 129) }
```

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

```
.background{ background-color: rgb(214,  
186, 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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