

Converting Colors

XYZ(48.5410, 50.6472, 27.2962)

Have a look what the booklet for
XYZ(48.5410, 50.6472, 27.2962)
contains.

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Color

**XYZ(48.5410, 50.6472,
27.2962)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BA7F
RGB	212, 186, 127
RGB Percent	83%, 73%, 50%
CMY	0.1686, 0.2706, 0.5020
CMYK	0.00, 0.12, 0.40, 0.17
HSL	42°, 50%, 66%
HSV	42°, 40%, 83%
XYZ	48.5410, 50.6472, 27.2962
YIQ	187.0480, 34.4350, -12.8370

Conversions

Conversions Part 2

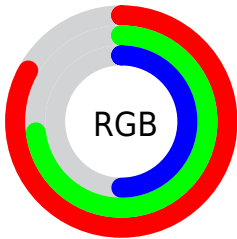
Format	Color
RYB	164, 212, 127
Decimal	13941375
CIELab	76.46, 1.11, 33.31
CIELCh	76, 33.332, 88.096
Yxy	50.6472, 0.3838, 0.4004
Android (android.graphics.Color)	4292131455 (0xFFD4BA7F)
YUV	187.0480, -29.6037, 21.8829
Hunter-Lab	71.1668, -2.7919, 27.0760

Details

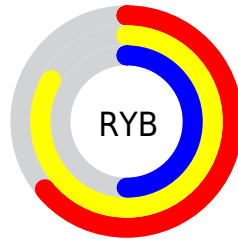
The XYZ color **48.5410, 50.6472, 27.2962** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.0269, 32.0467, 66.7847**, and the grayscale version is **47.4104, 49.8795, 54.3187**.

A 20% lighter version of the original color is **81.2303, 88.0595, 55.8959**, and **23.4374, 24.3788, 10.4915** is the 20% darker color. If you saturate the color by 10%, you get **45.9675, 47.4835, 20.3242**, and if you desaturate by 10%, it is **51.4698, 54.0559, 35.8219**.

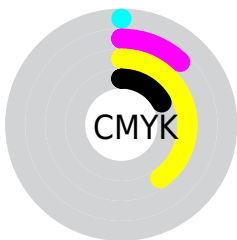
Distribution



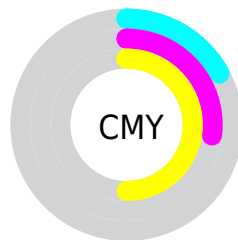
- Red (83%)
- Green (73%)
- Blue (50%)



- Red (64%)
- Yellow (83%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (17%)





- Cyan (17%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5410, 50.6472, 27.2962 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 48.5410, 50.6472, 27.2962 by changing the saturation by 10% instead.


 48.5410, 50.6472,
27.2962


 48.5410, 50.6472,
27.2962


371.4795,
389.1915, 302.8938


 34.4685, 35.9279,
17.5614


 87.2142, 91.1331,
56.3683

 23.4184, 24.3785,
10.4694


 112.5456,
117.6684, 76.5427

 15.0251, 15.6146,
5.6016


 142.3608,
148.9113, 101.0340

 8.9235, 9.2519,
2.5395

177.0250,
185.2460, 130.2609

 4.7480, 4.9058,
0.8610

216.9036,
227.0570, 164.6417

 2.1334, 2.1921,
0.0000

262.3620,

 0.7073, 0.7157,

274.7286, 204.5951

0.0000

313.7655,
328.6454, 250.5397

0.0000, 0.0000,
0.0000

48.5410, 50.6472,
27.2962

48.5410, 50.6472,
27.2962

45.9675, 47.4835,
20.3242

51.4698, 54.0559,
35.8219

43.7262, 44.5486,
14.8058

54.7676, 57.7108,
45.9870

41.7972, 41.8353,
10.6338

58.4520, 61.6221,
57.8743

40.1561, 39.3323,
7.6849

62.5382, 65.7970,
71.5603

38.7745, 37.0269,
5.8128

67.0406, 70.2425,
87.1169

■ 37.6108, 34.9161,
4.7572

■ 71.9727, 74.9652,
104.6118

■ 73.8862, 78.5869,
105.8823

■ 75.7387, 82.2919,
106.4998

■ 77.6591, 86.1327,
107.1400

Harmonies

Analogous

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



54.8080, 50.6472, 30.6852



48.5410, 50.6472, 27.2962



42.6716, 50.6472, 29.9144

Triad

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



48.5410, 50.6472, 27.2962



38.2508, 50.6472, 73.0932



59.1372, 50.6472, 75.5212

Complementary

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



48.5410, 50.6472, 27.2962



32.0269, 32.0467, 66.7847

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.



54.0537, 50.6472, 91.6341



48.5410, 50.6472, 27.2962



42.0335, 50.6472, 90.0314

Square

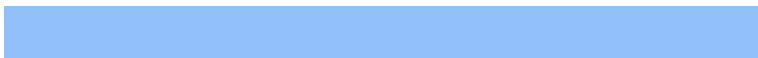
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.5410, 50.6472, 27.2962



37.0483, 50.6472, 54.0050



47.7385, 50.6472, 97.4444



61.2469, 50.6472, 56.3033

Rectangle

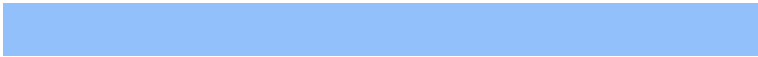
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.5410, 50.6472, 27.2962



39.6974, 50.6472, 35.1200



47.7385, 50.6472, 97.4444



57.6989, 50.6472, 81.6244

Sweetspot

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



48.5423, 50.6496, 27.2972



87.5958, 92.3575, 84.0157



40.5668, 31.5066, 34.4793



18.5871, 19.5979, 17.4553



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.



48.5423, 50.6496, 27.2972



70.4055, 72.8613, 32.3986



50.2478, 60.4108, 29.0915



13.1374, 13.8491, 13.1414



23.3113, 21.7399, 2.9676



1.4776, 1.4544, 0.2029

Inverse Universe

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



32.0269, 32.0467, 66.7847



42.0406, 40.9356, 100.2933



30.7292, 25.7354, 65.6349



12.0493, 12.6219, 15.7387



8.5755, 5.4128, 39.0460



0.5897, 0.4715, 2.3792

Previews

White Background



This preview shows how the XYZ color 48.5410, 50.6472, 27.2962 looks on a white background.

Color Contrast Check

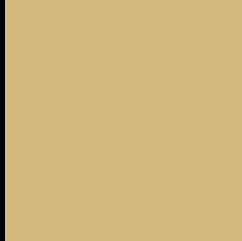
Large Text (above 18pt) WCAG AA × Fail

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 48.5410, 50.6472, 27.2962 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 48.5410, 50.6472, 27.2962

Background



This preview shows how black text looks on a background with the XYZ color 48.5410, 50.6472, 27.2962.



This preview shows how white text looks on a background with the XYZ color 48.5410, 50.6472,

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

48.5410, 50.6472, 27.2962

Protanopia

46.9957, 50.7911, 27.7488

Deuteranopia

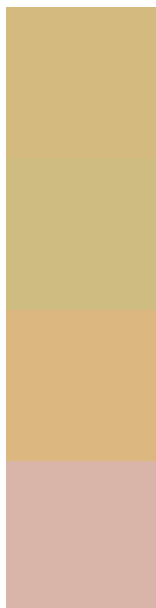
51.7842, 50.7750, 27.4933



Tritanopia

54.6482, 50.7066, 56.7763

Trichromacy



Original Color

48.5410, 50.6472, 27.2962

Protanomaly

47.6116, 50.7904, 27.7162

Deuteranomaly

50.6486, 50.7976, 27.5575

Tritanomaly

51.9107, 50.4738, 44.0522

Monochromacy



Original Color

48.5410, 50.6472, 27.2962

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.3268, 49.9930, 42.7525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5410, 50.6472, 27.2962 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(212, 186, 127)` looks like.

```
.text, #text, p{  
    color:rgb(212, 186, 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(212, 186, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 186, 127) }
```

Border

The CSS property to change the border of an element to XYZ 48.5410, 50.6472, 27.2962 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(212, 186, 127) }
```


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

```
.border{ border-color:rgb(212, 186, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 186, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 186, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 186, 127);  
box-shadow:4px 4px 4px 4px rgb(212, 186,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5410, 50.6472, 27.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 186, 127) }
```

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

```
.background{ background-color: rgb(212,  
186, 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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