

Converting Colors

XYZ(48.1288, 52.0334, 27.2454)

Have a look what the booklet for
XYZ(48.1288, 52.0334, 27.2454)
contains.

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Color

**XYZ(48.1288, 52.0334,
27.2454)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBF7E
RGB	207, 191, 126
RGB Percent	81%, 75%, 49%
CMY	0.1882, 0.2510, 0.5059
CMYK	0.00, 0.08, 0.39, 0.19
HSL	48°, 46%, 65%
HSV	48°, 39%, 81%
XYZ	48.1288, 52.0334, 27.2454
YIQ	188.3740, 30.4010, -16.8230

Conversions

Conversions Part 2

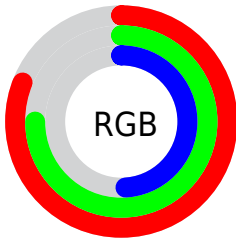
Format	Color
RYB	146, 207, 126
Decimal	13614974
CIELab	77.30, -3.63, 34.83
CIELCh	77, 35.022, 95.950
Yxy	52.0334, 0.3778, 0.4084
Android (android.graphics.Color)	4291805054 (0xFFCFBF7E)
YUV	188.3740, -30.7504, 16.3350
Hunter-Lab	72.1342, -7.1375, 28.0998

Details

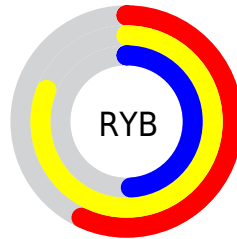
The XYZ color **48.1288, 52.0334, 27.2454** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.5393, 28.2856, 62.9341**, and the grayscale version is **48.1712, 50.6799, 55.1904**.

A 20% lighter version of the original color is **82.6374, 91.0362, 55.8641**, and **23.1555, 25.2781, 10.4962** is the 20% darker color. If you saturate the color by 10%, you get **46.0504, 49.7974, 20.6308**, and if you desaturate by 10%, it is **50.5111, 54.4345, 35.3259**.

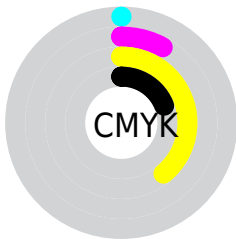
Distribution



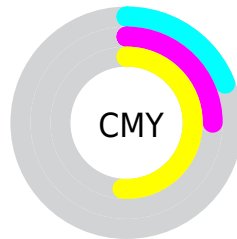
- Red (81%)
- Green (75%)
- Blue (49%)



- Red (57%)
- Yellow (81%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (39%)
- Black (19%)





- Cyan (19%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1288, 52.0334, 27.2454 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 48.1288, 52.0334, 27.2454 by changing the saturation by 10% instead.


 48.1288, 52.0334,
27.2454


 48.1288, 52.0334,
27.2454


369.8765,
394.5655, 302.6410


 34.1406, 37.0317,
17.5235


 86.6047, 93.1805,
56.2859

 23.1650, 25.2320,
10.4426


 111.8230,
120.0947, 76.4417

 14.8368, 16.2500,
5.5839


 141.5155,
151.7485, 100.9125

 8.7905, 9.7012,
2.5291

176.0474,
188.5263, 130.1168

 4.6608, 5.2013,
0.8555

215.7841,
230.8125, 164.4733

 2.0823, 2.3659,
0.0000

261.0909,

 0.6796, 0.8082,

278.9915, 204.4005

0.0000

312.3333,
333.4477, 250.3169

■ 0.0000, 0.0000,
0.0000

■ 48.1288, 52.0334,
27.2454

■ 48.1288, 52.0334,
27.2454

■ 46.0504, 49.7974,
20.6308

■ 50.5111, 54.4345,
35.3259

■ 44.2545, 47.7120,
15.3885

■ 53.2093, 57.0003,
44.9520

■ 42.7233, 45.7717,
11.4189

■ 56.2395, 59.7392,
56.2012

■ 41.4348, 43.9673,
8.6077

■ 59.6152, 62.6572,
69.1450

■ 40.3632, 42.2881,
6.8197

■ 63.3496, 65.7596,
83.8506

■ 39.4657, 40.7168,
5.8308

■ 67.4548, 69.0517,
100.3815

■ 39.3910, 40.5831,
5.7572

■ 69.2752, 71.4716,
104.7519

■ 70.3587, 73.6386,
105.1131

■ 71.4686, 75.8584,
105.4831

Harmonies

Analogous

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



54.9108, 52.0334, 29.1369



48.1288, 52.0334, 27.2454



42.2519, 52.0334, 31.6693

Triad

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



48.1288, 52.0334, 27.2454



39.7166, 52.0334, 81.2749



62.2185, 52.0334, 73.1132

Complementary

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



48.1288, 52.0334, 27.2454



29.5393, 28.2856, 62.9341

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.



57.4361, 52.0334, 92.2008



48.1288, 52.0334, 27.2454



44.3753, 52.0334, 97.6107

Square

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



48.1288, 52.0334, 27.2454



37.6861, 52.0334, 60.5788



50.8078, 52.0334, 102.0049



63.4525, 52.0334, 52.9054

Rectangle

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



48.1288, 52.0334, 27.2454



39.5046, 52.0334, 38.3596



50.8078, 52.0334, 102.0049



60.9527, 52.0334, 80.0027

Sweetspot

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



48.1301, 52.0358, 27.2465



88.6114, 94.3887, 84.3543



38.0908, 30.1466, 29.4818



18.8271, 20.0778, 17.5352



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.



48.1301, 52.0358, 27.2465



74.2932, 80.3524, 34.5710



45.5360, 56.1625, 28.1797



12.5969, 13.3844, 12.5316



24.8857, 25.7044, 3.6498



1.4433, 1.5408, 0.2213

Inverse Universe

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



29.5393, 28.2856, 62.9341



40.4324, 37.1164, 99.6409



31.3567, 25.9398, 62.3855



11.3500, 11.7903, 14.9212



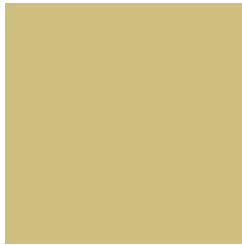
7.6462, 3.9391, 37.5498



0.4842, 0.3336, 2.1184

Previews

White Background



This preview shows how the XYZ color 48.1288, 52.0334, 27.2454 looks on a white background.

Color Contrast Check

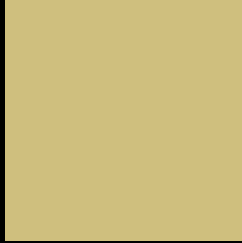
Large Text (above 18pt) WCAG AA × Fail

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 48.1288, 52.0334, 27.2454 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 48.1288, 52.0334, 27.2454

Background



This preview shows how black text looks on a background with the XYZ color 48.1288, 52.0334, 27.2454.



This preview shows how white text looks on a background with the XYZ color 48.1288, 52.0334,

27.2454.

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

48.1288, 52.0334, 27.2454

Protanopia

48.1288, 52.0334, 27.2454

Deuteranopia

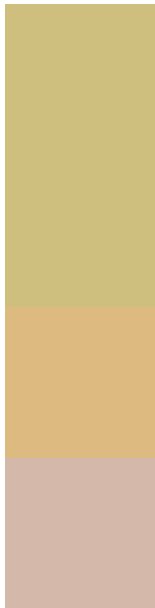
53.1429, 52.0835, 27.6743



Tritanopia

54.7161, 51.8885, 59.3562

Trichromacy



Original Color

48.1288, 52.0334, 27.2454

Protanomaly

48.1288, 52.0334, 27.2454

Deuteranomaly

51.2085, 52.0223, 27.4210

Tritanomaly

51.8510, 51.6352, 45.7618

Monochromacy



Original Color

48.1288, 52.0334, 27.2454

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.4948, 50.7139, 42.8828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1288, 52.0334, 27.2454 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(207, 191, 126)` looks like.

```
.text, #text, p{  
    color:rgb(207, 191, 126)  
}
```

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(207, 191, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 191, 126) }
```

Border

The CSS property to change the border of an element to XYZ 48.1288, 52.0334, 27.2454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

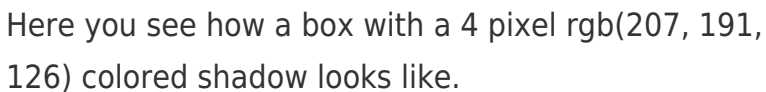
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 191, 126) }
```


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

```
.border{ border-color:rgb(207, 191, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 191, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 191, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 191, 126); box-shadow:4px 4px 4px 4px rgb(207, 191, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1288, 52.0334, 27.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 191, 126) }
```

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

```
.background{ background-color: rgb(207,  
191, 126) }
```

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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