

Converting Colors

XYZ(48.2493, 52.0494, 29.3333)

Have a look what the booklet for
XYZ(48.2493, 52.0494, 29.3333)
contains.

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Color

**XYZ(48.2493, 52.0494,
29.3333)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBF84
RGB	206, 191, 132
RGB Percent	81%, 75%, 52%
CMY	0.1922, 0.2510, 0.4823
CMYK	0.00, 0.07, 0.36, 0.19
HSL	48°, 43%, 66%
HSV	48°, 36%, 81%
XYZ	48.2493, 52.0494, 29.3333
YIQ	188.7590, 27.8790, -15.1690

Conversions

Conversions Part 2

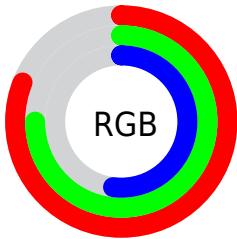
Format	Color
RYB	151, 206, 132
Decimal	13549444
CIELab	77.31, -3.34, 31.71
CIELCh	77, 31.885, 96.012
Yxy	52.0494, 0.3722, 0.4015
Android (android.graphics.Color)	4291739524 (0xFFCEBF84)
YUV	188.7590, -27.9822, 15.1204
Hunter-Lab	72.1453, -6.8770, 26.3952

Details

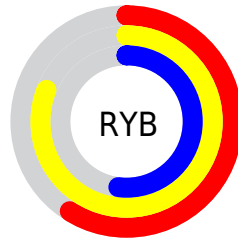
The XYZ color **48.2493, 52.0494, 29.3333** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.0898, 30.2283, 62.5887**, and the grayscale version is **48.3769, 50.8962, 55.4260**.

A 20% lighter version of the original color is **83.3637, 91.3267, 59.6885**, and **23.3740, 25.3655, 11.6467** is the 20% darker color. If you saturate the color by 10%, you get **46.0796, 49.7474, 22.3288**, and if you desaturate by 10%, it is **50.7260, 54.5194, 37.8146**.

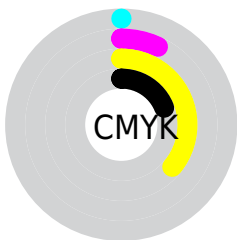
Distribution



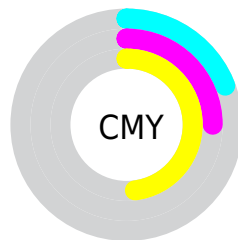
- Red (81%)
- Green (75%)
- Blue (52%)



- Red (59%)
- Yellow (81%)
- Blue (52%)



- Cyan (0%)
- Magenta (7%)
- Yellow (36%)
- Black (19%)





- Cyan (19%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2493, 52.0494, 29.3333 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 48.2493, 52.0494, 29.3333 by changing the saturation by 10% instead.


 48.2493, 52.0494,
29.3333


 48.2493, 52.0494,
29.3333


370.3456,
394.6273, 312.8943


 34.2364, 37.0445,
19.0854


 86.7829, 93.2041,
59.6547

 23.2390, 25.2419,
11.5545


 112.0344,
120.1226, 80.5652

 14.8918, 16.2574,
6.3223


 141.7627,
151.7811, 105.8671

 8.8293, 9.7065,
2.9701

176.3334,
188.5640, 135.9787

 4.6862, 5.2048,
1.0794

216.1116,
230.8557, 171.3187

 2.0972, 2.3679,
0.0000

261.4628,

 0.6877, 0.8093,

279.0405, 212.3056

0.0000

312.7524,
333.5029, 259.3580

■ 0.0000, 0.0000,
0.0000

■ 48.2493, 52.0494,
29.3333

■ 48.2493, 52.0494,
29.3333

■ 46.0796, 49.7474,
22.3288

■ 50.7260, 54.5194,
37.8146

■ 44.1962, 47.5993,
16.7110

■ 53.5210, 57.1567,
47.8492

■ 42.5821, 45.5997,
12.3851

■ 56.6499, 59.9698,
59.5119

■ 41.2165, 43.7400,
9.2431

■ 60.1261, 62.9643,
72.8721

■ 40.0753, 42.0102,
7.1591

■ 63.9621, 66.1456,
87.9949

■ 39.1285, 40.3980,
5.9766

■ 68.0727, 69.4799,
104.4309

■ 38.7751, 39.7648,
5.6317

■ 69.1561, 71.6467,
104.7920

■ 70.2669, 73.8684,
105.1623

■ 71.4053, 76.1451,
105.5418

Harmonies

Analogous

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



54.4105, 52.0494, 31.1252



48.2493, 52.0494, 29.3333



42.8711, 52.0494, 33.5526

Triad

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



48.2493, 52.0494, 29.3333



40.5515, 52.0494, 78.8829



61.0182, 52.0494, 71.5053

Complementary

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



48.2493, 52.0494, 29.3333



31.0898, 30.2283, 62.5887

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.



56.7165, 52.0494, 88.5325



48.2493, 52.0494, 29.3333



44.8406, 52.0494, 93.3695

Square

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



48.2493, 52.0494, 29.3333



38.6687, 52.0494, 60.2759



50.7140, 52.0494, 97.2225



62.1191, 52.0494, 53.2165

Rectangle

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



48.2493, 52.0494, 29.3333



40.3430, 52.0494, 39.8461



50.7140, 52.0494, 97.2225



59.8822, 52.0494, 77.6737

Sweetspot

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



48.2506, 52.0518, 29.3344



89.0717, 94.7502, 86.2309



39.0532, 31.7641, 32.1042



18.9175, 20.1473, 17.9090



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.



48.2506, 52.0518, 29.3344



75.4548, 81.4690, 38.6780



46.2521, 56.1272, 30.2263



11.9533, 12.6955, 11.8999



23.9469, 24.6268, 3.4913



1.2856, 1.3709, 0.1968

Inverse Universe

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



31.0898, 30.2283, 62.5887



43.7120, 41.1180, 100.2404



32.5229, 27.7285, 62.0306



10.7828, 11.2061, 14.1650



7.4203, 3.8646, 36.3111



0.4380, 0.3098, 1.8917

Previews

White Background



This preview shows how the XYZ color 48.2493, 52.0494, 29.3333 looks on a white background.

Color Contrast Check

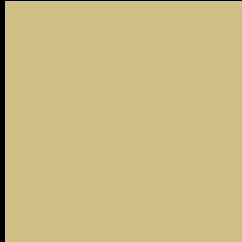
Large Text (above 18pt) WCAG AA × Fail

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 48.2493, 52.0494, 29.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

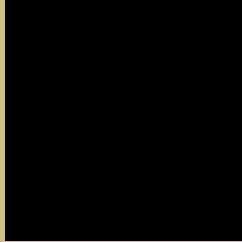
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2493, 52.0494, 29.3333

Background



This preview shows how black text looks on a background with the XYZ color 48.2493, 52.0494, 29.3333.



This preview shows how white text looks on a background with the XYZ color 48.2493, 52.0494,

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

48.2493, 52.0494, 29.3333

Protanopia

48.2493, 52.0494, 29.3333

Deuteranopia

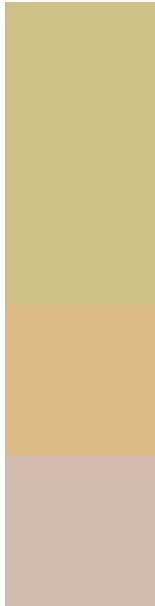
52.9151, 51.9191, 29.7867



Tritanopia

54.4521, 52.0443, 59.9989

Trichromacy



Original Color

48.2493, 52.0494, 29.3333

Protanomaly

48.2493, 52.0494, 29.3333

Deuteranomaly

51.0060, 51.8713, 29.5142

Tritanomaly

51.6801, 51.8366, 46.8168

Monochromacy



Original Color

48.2493, 52.0494, 29.3333

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.9870, 51.2562, 44.4100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2493, 52.0494, 29.3333 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(206, 191, 132)` looks like.

```
.text, #text, p{  
    color:rgb(206, 191, 132)  
}
```

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(206, 191, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 191, 132) }
```

Border

The CSS property to change the border of an element to XYZ 48.2493, 52.0494, 29.3333 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(206, 191, 132) }
```


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

```
.border{ border-color:rgb(206, 191, 132) }
```

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

Here you see how a box with a 4 pixel rgb(206, 191, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 191, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 191, 132);  
box-shadow:4px 4px 4px 4px rgb(206, 191,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2493, 52.0494, 29.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 191, 132) }
```

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

```
.background{ background-color: rgb(206,  
191, 132) }
```

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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