

Converting Colors

XYZ(49.5192, 49.2834, 42.0247)

Have a look what the booklet for
XYZ(49.5192, 49.2834, 42.0247)
contains.

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Color

**XYZ(49.5192, 49.2834,
42.0247)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B5A4
RGB	209, 181, 164
RGB Percent	82%, 71%, 64%
CMY	0.1804, 0.2902, 0.3569
CMYK	0.00, 0.13, 0.22, 0.18
HSL	23°, 33%, 73%
HSV	23°, 22%, 82%
XYZ	49.5192, 49.2834, 42.0247
YIQ	187.4340, 22.1450, 0.6490

Conversions

Conversions Part 2

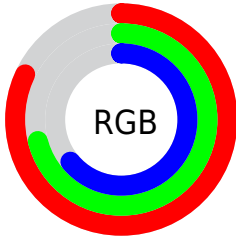
Format	Color
RYB	209, 191, 164
Decimal	13743524
CIELab	75.63, 7.38, 12.36
CIELCh	76, 14.399, 59.148
Yxy	49.2834, 0.3516, 0.3500
Android (android.graphics.Color)	4291933604 (0xFFD1B5A4)
YUV	187.4340, -11.5530, 18.9134
Hunter-Lab	70.2021, 3.0566, 13.6491

Details

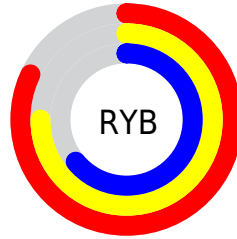
The XYZ color **49.5192, 49.2834, 42.0247** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.6677, 50.1939, 67.6033**, and the grayscale version is **47.5348, 50.0103, 54.4612**.

A 20% lighter version of the original color is **84.3104, 86.9428, 79.3558**, and **23.9702, 23.4782, 18.5976** is the 20% darker color. If you saturate the color by 10%, you get **45.2634, 43.5479, 32.0469**, and if you desaturate by 10%, it is **54.3347, 55.6410, 53.7205**.

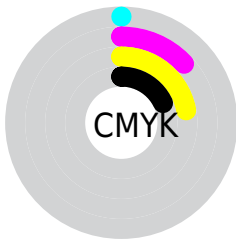
Distribution



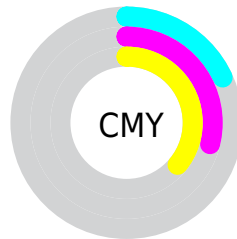
- Red (82%)
- Green (71%)
- Blue (64%)



- Red (82%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5192, 49.2834, 42.0247 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 49.5192, 49.2834, 42.0247 by changing the saturation by 10% instead.


 49.5192, 49.2834,
42.0247


 49.5192, 49.2834,
42.0247


375.2659,
383.8569, 370.3880

 35.2478, 34.8443,
28.7949

 88.6582, 89.1122,
79.5075

 24.0212, 23.5430,
18.6815


 114.2564,
115.2708, 104.5976

 15.4742, 14.9950,
11.2659

144.3610,
146.1046, 134.4782

 9.2413, 8.8159,
6.1295

179.3372,
181.9981, 169.5679

 4.9573, 4.6213,
2.8540

219.5505,
223.3357, 210.2852

 2.2567, 2.0268,
1.0206

265.3661,

 0.7724, 0.6230,

270.5018, 257.0486

0.0000

317.1494,
323.8807, 310.2767

■ 0.0000, 0.0000,
0.0000

■ 49.5192, 49.2834,
42.0247

■ 49.5192, 49.2834,
42.0247

■ 45.2634, 43.5479,
32.0469

■ 54.3347, 55.6410,
53.7205

■ 41.5413, 38.4082,
23.7019

■ 59.7264, 62.6326,
67.2076

■ 38.3310, 33.8462,
16.9022

■ 65.7151, 70.2781,
82.5588

■ 35.6071, 29.8397,
11.5503

■ 72.3194, 78.5945,
99.8419

■ 33.3416, 26.3654,
7.5379

■ 77.3058, 86.6978,
107.2676

■ 31.5035, 23.3977,
4.7408

■ 80.1046, 92.2954,
108.2006

■ 30.0565, 20.9083,
3.0111

■ 29.0888, 19.1437,
2.1620

Harmonies

Analogous

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



51.4609, 49.2834, 46.8272



49.5192, 49.2834, 42.0247



46.9186, 49.2834, 40.2865

Triad

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



49.5192, 49.2834, 42.0247



41.9041, 49.2834, 53.4433



49.3823, 49.2834, 67.5231

Complementary

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



49.5192, 49.2834, 42.0247



45.6677, 50.1939, 67.6033

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.



46.7662, 49.2834, 69.7101



49.5192, 49.2834, 42.0247



42.5088, 49.2834, 61.1298

Square

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



49.5192, 49.2834, 42.0247



42.5803, 49.2834, 46.4829



44.2638, 49.2834, 67.2691



51.3798, 49.2834, 61.5430

Rectangle

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



49.5192, 49.2834, 42.0247



45.1819, 49.2834, 40.9594



44.2638, 49.2834, 67.2691



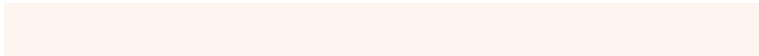
48.5430, 49.2834, 68.7500

Sweetspot

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



49.5205, 49.2856, 42.0257



89.7219, 93.1299, 95.4516



49.1404, 43.9348, 56.0509



19.0844, 19.7784, 20.1310



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.



49.5205, 49.2856, 42.0257



74.3768, 72.8892, 58.1225



54.3516, 58.9479, 43.6361



12.1696, 12.5298, 12.3891



18.0231, 11.9791, 1.3623



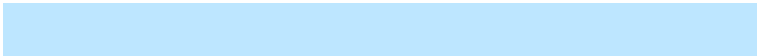
1.0833, 0.8209, 0.1013

Inverse Universe

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



45.6677, 50.1939, 67.6033



67.2440, 74.5647, 105.4560



41.1938, 41.2461, 66.1120



11.7674, 12.6251, 15.0603



12.1174, 12.8814, 39.0402



0.7526, 0.8704, 2.2079

Previews

White Background



This preview shows how the XYZ color 49.5192, 49.2834, 42.0247 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 49.5192, 49.2834, 42.0247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

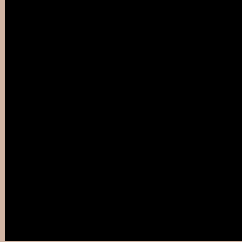
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5192, 49.2834, 42.0247

Background



This preview shows how black text looks on a background with the XYZ color 49.5192, 49.2834, 42.0247.



This preview shows how white text looks on a background with the XYZ color 49.5192, 49.2834,

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

49.5192, 49.2834, 42.0247

Protanopia

46.7821, 49.3772, 43.6243

Deuteranopia

50.4627, 49.4690, 42.0108



Tritanopia

52.2775, 49.2029, 56.0320

Trichromacy



Original Color

49.5192, 49.2834, 42.0247

Protanomaly

47.5766, 49.1763, 43.0608

Deuteranomaly

50.1735, 49.3199, 41.9972

Tritanomaly

51.1249, 49.0259, 50.4844

Monochromacy



Original Color

49.5192, 49.2834, 42.0247

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.9913, 49.5547, 49.6834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5192, 49.2834, 42.0247 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(209, 181, 164)` looks like.

```
.text, #text, p{  
    color:rgb(209, 181, 164)  
}
```

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(209, 181, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 181, 164) }
```

Border

The CSS property to change the border of an element to XYZ 49.5192, 49.2834, 42.0247 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(209, 181, 164) }
```


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

```
.border{ border-color:rgb(209, 181, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 181, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 181, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 181, 164);  
box-shadow:4px 4px 4px 4px rgb(209, 181,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5192, 49.2834, 42.0247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 181, 164) }
```

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

```
.background{ background-color: rgb(209,  
181, 164) }
```

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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