

Converting Colors

XYZ(52.5431, 54.9663, 29.5247)

Have a look what the booklet for
XYZ(52.5431, 54.9663, 29.5247)
contains.

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Color

**XYZ(52.4482, 54.8659,
29.6557)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC184
RGB	219, 193, 132
RGB Percent	86%, 76%, 52%
CMY	0.1412, 0.2431, 0.4823
CMYK	0.00, 0.12, 0.40, 0.14
HSL	42°, 55%, 69%
HSV	42°, 40%, 86%
XYZ	52.4482, 54.8659, 29.6557
YIQ	193.8200, 35.0770, -13.4590

Conversions

Conversions Part 2

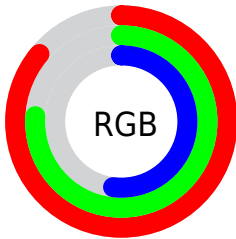
Format	Color
R_{YB}	169, 219, 132
Decimal	14401924
CIE _{Lab}	78.96, 0.78, 34.09
CIE _{LCh}	79, 34.098, 88.684
Yxy	54.8659, 0.3829, 0.4006
Android (android.graphics.Color)	4292592004 (0xFFDBC184)
YUV	193.8200, -30.4773, 22.0829
Hunter-Lab	74.0715, -3.2338, 28.1124

Details

The XYZ color **52.4482, 54.8659, 29.6557** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.5284, 34.4726, 71.8517**, and the grayscale version is **51.3328, 54.0062, 58.8127**.

A 20% lighter version of the original color is **83.9786, 92.5565, 59.8934**, and **25.9675, 27.1368, 11.6539** is the 20% darker color. If you saturate the color by 10%, you get **49.6898, 51.5009, 22.1027**, and if you desaturate by 10%, it is **55.5879, 58.4899, 38.8890**.

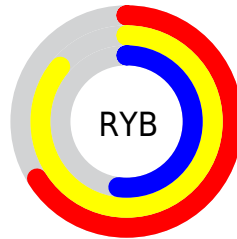
Distribution



Red (86%)

Green (76%)

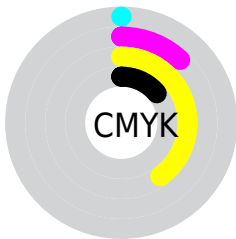
Blue (52%)



Red (66%)

Yellow (86%)

Blue (52%)

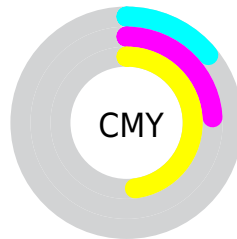


Cyan (0%)

Magenta (12%)

Yellow (40%)

Black (14%)



Cyan (14%)

Magenta (24%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4482, 54.8659, 29.6557 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 52.4482, 54.8659, 29.6557 by changing the saturation by 10% instead.

■ 52.4482, 54.8659,
29.6557

■ 52.4482, 54.8659,
29.6557

386.4601,
405.4034, 314.4535

■ 37.5882, 39.2944,
19.3276

■ 92.9622, 97.3445,
60.1718

■ 25.8390, 26.9888,
11.7280

■ 119.3469,
125.0203, 81.1969

■ 16.8353, 17.5648,
6.4385

■ 150.3039,
157.4996, 106.6247

■ 10.2117, 10.6380,
3.0404

186.1985,
195.1669, 136.8737

■ 5.6029, 5.8240,
1.1153

227.3960,
238.4065, 172.3626

■ 2.6435, 2.7383,
0.0000

274.2619,

■ 0.9682, 0.9967,

287.6029, 213.5098

0.0000

327.1615,
343.1404, 260.7339

■ 0.0000, 0.0000,
0.0000

■ 52.4482, 54.8659,
29.6557

■ 52.4482, 54.8659,
29.6557

■ 49.6898, 51.5009,
22.1027

■ 55.5879, 58.4899,
38.8890

■ 47.2880, 48.3776,
16.1219

■ 59.1239, 62.3740,
49.8949

■ 45.2212, 45.4881,
11.5978


■ 63.0749, 66.5292,
62.7631


■ 43.4634, 42.8206,
8.3971


■ 67.4574, 70.9632,
77.5760

■ 41.9839, 40.3615,
6.3625


■ 72.2868, 75.6833,
94.4112


 40.7301, 38.0883,
5.2224

 76.1951, 80.1436,
106.0611

 40.6972, 38.0277,
5.1951

 78.0744, 83.9021,
106.6875

 80.0229, 87.7992,
107.3370

 82.0416, 91.8364,
108.0099

Harmonies

Analogous

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



59.2194, 54.8659, 33.1903



52.4482, 54.8659, 29.6557



46.1399, 54.8659, 32.6145

Triad

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



52.4482, 54.8659, 29.6557



41.5307, 54.8659, 79.5046



64.0932, 54.8659, 81.3141

Complementary

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



52.4482, 54.8659, 29.6557



34.5284, 34.4726, 71.8517

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.



58.6571, 54.8659, 98.8289



52.4482, 54.8659, 29.6557



45.6639, 54.8659, 97.6350

Square

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



52.4482, 54.8659, 29.6557



40.1745, 54.8659, 58.8867



51.8497, 54.8659, 105.3609



66.2923, 54.8659, 60.6007

Rectangle

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



52.4482, 54.8659, 29.6557



42.9598, 54.8659, 38.3312



51.8497, 54.8659, 105.3609



62.5619, 54.8659, 87.9240

Sweetspot

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



52.4496, 54.8684, 29.6568



87.6612, 92.4881, 84.0375



43.6452, 34.0353, 36.6626



18.6025, 19.6287, 17.4604



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.



52.4496, 54.8684, 29.6568



70.6286, 73.3074, 32.4729



53.7456, 64.8298, 31.5113



13.8167, 14.5727, 13.8102



24.2314, 22.7484, 3.1137



1.6437, 1.6216, 0.2264

Inverse Universe

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



34.5284, 34.4726, 71.8517



41.8798, 40.6141, 100.2397



33.5055, 28.0450, 70.6650



12.6543, 13.2482, 16.5424



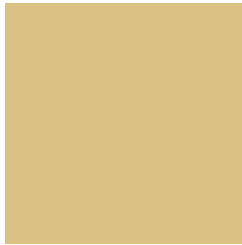
8.8012, 5.4717, 40.3307



0.6444, 0.5029, 2.6376

Previews

White Background



This preview shows how the XYZ color 52.4482, 54.8659, 29.6557 looks on a white background.

Color Contrast Check

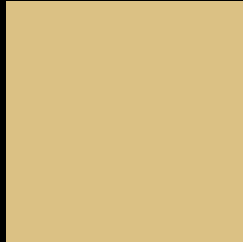
Large Text (above 18pt) WCAG AA × Fail

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 52.4482, 54.8659, 29.6557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

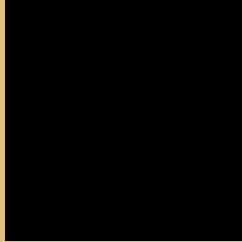
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4482, 54.8659, 29.6557

Background



This preview shows how black text looks on a background with the XYZ color 52.4482, 54.8659, 29.6557.



This preview shows how white text looks on a background with the XYZ color 52.4482, 54.8659,

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

52.4482, 54.8659, 29.6557

Protanopia

51.1249, 55.1704, 30.1447

Deuteranopia

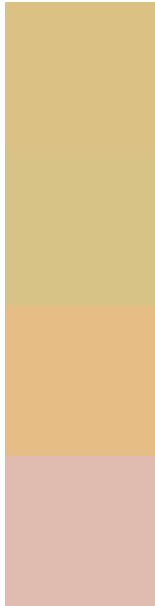
55.9356, 54.7265, 29.8055



Tritanopia

59.0218, 54.9902, 61.5362

Trichromacy



Original Color

52.4482, 54.8659, 29.6557

Protanomaly

51.7731, 55.1707, 30.1106

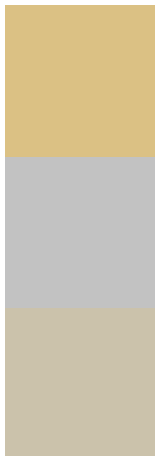
Deuteranomaly

54.7443, 54.7467, 29.8721

Tritanomaly

56.1525, 54.7496, 48.1656

Monochromacy



Original Color

52.4482, 54.8659, 29.6557

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.2711, 54.2204, 46.2914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4482, 54.8659, 29.6557 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(219, 193, 132)` looks like.

```
.text, #text, p{  
    color:rgb(219, 193, 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(219, 193, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 193, 132) }
```

Border

The CSS property to change the border of an element to XYZ 52.4482, 54.8659, 29.6557 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(219, 193, 132) }
```


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

```
.border{ border-color:rgb(219, 193, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 193, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 193, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 193, 132);  
box-shadow:4px 4px 4px 4px rgb(219, 193,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4482, 54.8659, 29.6557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 193, 132) }
```

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

```
.background{ background-color: rgb(219,  
193, 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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