

Converting Colors

XYZ(51.9855, 54.5767, 30.5466)

Have a look what the booklet for
XYZ(51.9855, 54.5767, 30.5466)
contains.

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Color

**XYZ(52.0584, 54.6409,
30.7246)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C187
RGB	217, 193, 135
RGB Percent	85%, 76%, 53%
CMY	0.1490, 0.2431, 0.4706
CMYK	0.00, 0.11, 0.38, 0.15
HSL	42°, 52%, 69%
HSV	42°, 38%, 85%
XYZ	52.0584, 54.6409, 30.7246
YIQ	193.5640, 32.9220, -12.9500

Conversions

Conversions Part 2

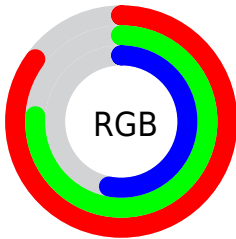
Format	Color
R_{YB}	169, 217, 135
Decimal	14270855
CIE _{Lab}	78.83, 0.32, 32.33
CIE _{LCh}	79, 32.327, 89.424
Yxy	54.6409, 0.3788, 0.3976
Android (android.graphics.Color)	4292460935 (0xFFD9C187)
YUV	193.5640, -28.8721, 20.5534
Hunter-Lab	73.9195, -3.6490, 27.0998

Details

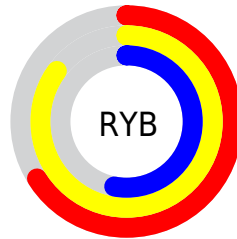
The XYZ color **52.0584, 54.6409, 30.7246** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9138, 34.9558, 70.5526**, and the grayscale version is **51.1732, 53.8382, 58.6297**.

A 20% lighter version of the original color is **84.3010, 92.6855, 61.5911**, and **25.6763, 26.9733, 12.2406** is the 20% darker color. If you saturate the color by 10%, you get **49.3103, 51.3455, 23.0238**, and if you desaturate by 10%, it is **55.1809, 58.1865, 40.0877**.

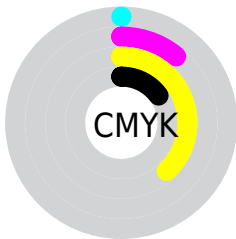
Distribution



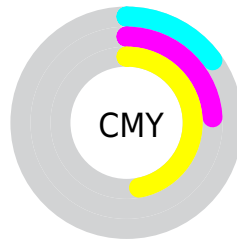
- Red (85%)
- Green (76%)
- Blue (53%)



- Red (66%)
- Yellow (85%)
- Blue (53%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0584, 54.6409, 30.7246 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 52.0584, 54.6409, 30.7246 by changing the saturation by 10% instead.

■ 52.0584, 54.6409,
30.7246

■ 52.0584, 54.6409,
30.7246

384.9823,
404.5493, 319.5794

■ 37.2761, 39.1143,
20.1325

■ 92.3911, 97.0146,
61.8807

■ 25.5960, 26.8486,
12.3064

■ 118.6722,
124.6305, 83.2818

■ 16.6527, 17.4596,
6.8276

■ 149.5169,
157.0450, 109.1230

■ 10.0810, 10.5627,
3.2777

185.2905,
194.6424, 139.8229

■ 5.5154, 5.7736,
1.2381

226.3586,
237.8071, 175.7999

■ 2.5905, 2.7079,
0.0103

273.0863,

■ 0.9411, 0.9812,

286.9236, 217.4726

0.0000

325.8391,
342.3761, 265.2596

■ 0.0000, 0.0000,
0.0000

■ 52.0584, 54.6409,
30.7246

■ 52.0584, 54.6409,
30.7246

■ 49.3103, 51.3455,
23.0238

■ 55.1809, 58.1865,
40.0877

■ 46.9127, 48.2836,
16.8813

■ 58.6920, 61.9831,
51.2018

■ 44.8452, 45.4477,
12.1868

■ 62.6098, 66.0412,
64.1533

■ 43.0830, 42.8268,
8.8139

■ 66.9501, 70.3682,
79.0218

■ 41.5971, 40.4079,
6.6141

■ 71.7279, 74.9712,
95.8823

■ 40.3473, 38.1737,
5.3796

■ 75.2705, 79.1823,
105.9243

■ 40.0887, 37.6986,
5.1637

■ 77.0813, 82.8038,
106.5278

■ 78.9572, 86.5556,
107.1531

■ 80.8989, 90.4390,
107.8004

Harmonies

Analogous

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



58.4578, 54.6409, 33.9911



52.0584, 54.6409, 30.7246



46.1133, 54.6409, 33.7476

Triad

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



52.0584, 54.6409, 30.7246



41.9246, 54.6409, 78.5693



63.2817, 54.6409, 79.3107

Complementary

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



52.0584, 54.6409, 30.7246



34.9138, 34.9558, 70.5526

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.



58.2261, 54.6409, 95.8277



52.0584, 54.6409, 30.7246



45.9156, 54.6409, 95.3415

Square

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



52.0584, 54.6409, 30.7246



40.5622, 54.6409, 59.1409



51.8109, 54.6409, 102.2171



65.2556, 54.6409, 59.8498

Rectangle

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



52.0584, 54.6409, 30.7246



43.1266, 54.6409, 39.3667



51.8109, 54.6409, 102.2171



61.8669, 54.6409, 85.5263

Sweetspot

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



52.0598, 54.6434, 30.7257



88.2954, 93.1977, 85.9721



43.5898, 34.6043, 37.4570



18.7318, 19.7757, 17.8471



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.



52.0598, 54.6434, 30.7257



71.9600, 75.0967, 35.6101



53.1662, 63.7372, 32.4227



13.8237, 14.5867, 13.8125



24.3630, 23.0115, 3.1576



1.6514, 1.6370, 0.2289

Inverse Universe

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



34.9138, 34.9558, 70.5526



44.0103, 43.0230, 100.5924



34.0257, 28.9560, 69.4414



12.6476, 13.2350, 16.5401



8.7541, 5.3777, 40.3150



0.6407, 0.4955, 2.6363

Previews

White Background



This preview shows how the XYZ color 52.0584, 54.6409, 30.7246 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 52.0584, 54.6409, 30.7246 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 52.0584, 54.6409, 30.7246

Background



This preview shows how black text looks on a background with the XYZ color 52.0584, 54.6409, 30.7246.



This preview shows how white text looks on a background with the XYZ color 52.0584, 54.6409,

30.7246.

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

52.0584, 54.6409, 30.7246

Protanopia

50.8230, 54.6567, 31.1637

Deuteranopia

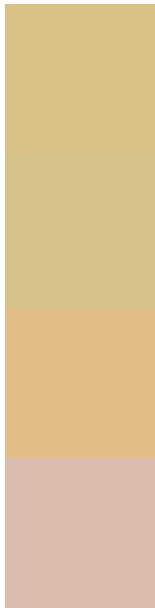
55.8185, 54.6419, 30.8975



Tritanopia

58.3982, 54.6687, 61.5070

Trichromacy



Original Color

52.0584, 54.6409, 30.7246

Protanomaly

51.1763, 54.5073, 31.1162

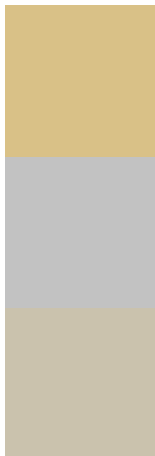
Deuteranomaly

54.3201, 54.5037, 30.9498

Tritanomaly

55.6385, 54.4732, 48.6562

Monochromacy



Original Color

52.0584, 54.6409, 30.7246

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.1917, 54.1573, 47.2905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0584, 54.6409, 30.7246 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(217, 193, 135)` looks like.

```
.text, #text, p{  
    color:rgb(217, 193, 135)  
}
```

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(217, 193, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 193, 135) }
```

Border

The CSS property to change the border of an element to XYZ 52.0584, 54.6409, 30.7246 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(217, 193, 135) }
```


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

```
.border{ border-color:rgb(217, 193, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 193, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 193, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 193, 135);  
box-shadow:4px 4px 4px 4px rgb(217, 193,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0584, 54.6409, 30.7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 193, 135) }
```

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

```
.background{ background-color: rgb(217,  
193, 135) }
```

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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