

Converting Colors

XYZ(54.6497, 58.9904, 30.6331)

Have a look what the booklet for
XYZ(54.6497, 58.9904, 30.6331)
contains.

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Color

**XYZ(54.5676, 58.9946,
30.7014)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCA85
RGB	219, 202, 133
RGB Percent	86%, 79%, 52%
CMY	0.1412, 0.2078, 0.4784
CMYK	0.00, 0.08, 0.39, 0.14
HSL	48°, 54%, 69%
HSV	48°, 39%, 86%
XYZ	54.5676, 58.9946, 30.7014
YIQ	199.2170, 32.2810, -17.8550

Conversions

Conversions Part 2

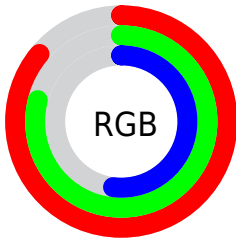
Format	Color
RYB	154, 219, 133
Decimal	14404229
CIELab	81.29, -3.79, 36.59
CIELCh	81, 36.786, 95.907
Yxy	58.9946, 0.3782, 0.4089
Android (android.graphics.Color)	4292594309 (0xFFDBCA85)
YUV	199.2170, -32.6450, 17.3497
Hunter-Lab	76.8079, -7.6000, 30.0664

Details

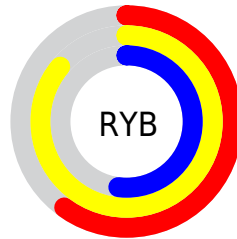
The XYZ color **54.5676, 58.9946, 30.7014** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.3652, 31.9128, 71.4190**, and the grayscale version is **54.6001, 57.4435, 62.5560**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **27.2172, 29.5755, 12.2568** is the 20% darker color. If you saturate the color by 10%, you get **52.2088, 56.4511, 23.2129**, and if you desaturate by 10%, it is **57.2732, 61.7267, 39.8631**.

Distribution



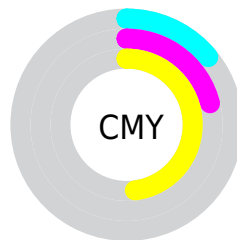
- Red (86%)
- Green (79%)
- Blue (52%)



- Red (60%)
- Yellow (86%)
- Blue (52%)



- Cyan (0%)
- Magenta (8%)
- Yellow (39%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5676, 58.9946, 30.7014 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 54.5676, 58.9946, 30.7014 by changing the saturation by 10% instead.

■ 54.5676, 58.9946,
30.7014

■ 54.5676, 58.9946,
30.7014

394.4339,
420.8819, 319.4688

■ 39.2881, 42.6088,
20.1150

■ 96.0592, 103.3698,
61.8437

■ 27.1657, 29.5783,
12.2938

■ 123.0019,
132.1280, 83.2367

■ 17.8349, 19.5187,
6.8191

■ 154.5632,
165.7791, 109.0690

■ 10.9305, 12.0457,
3.2725

191.1082,
204.7075, 139.7591

■ 6.0871, 6.7748,
1.2354

233.0025,
249.2975, 175.7256

■ 2.9393, 3.3217,
0.0080

280.6113,

■ 1.1217, 1.3019,

299.9337, 217.3871

0.0000

334.3000,
357.0004, 265.1619

■ 0.0432, 0.1427,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5676, 58.9946,
30.7014

■ 54.5676, 58.9946,
30.7014

■ 52.2088, 56.4511,
23.2129

■ 57.2732, 61.7267,
39.8631

■ 50.1726, 54.0797,
17.2898


■ 60.3397, 64.6468,
50.7895


■ 48.4381, 51.8738,
12.8175


■ 63.7853, 67.7650,
63.5698


■ 46.9800, 49.8230,
9.6641


■ 67.6258, 71.0877,
78.2861


 45.7686, 47.9149,
7.6735


 71.8761, 74.6214,
95.0155


 44.7552, 46.1297,
6.5911

 74.9991, 77.7515,
105.6624

 44.6844, 46.0021,
6.5242

 76.2045, 80.1622,
106.0642

 77.4398, 82.6329,
106.4760

 78.7054, 85.1641,
106.8978

Harmonies

Analogous

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



62.3147, 58.9946, 32.8637



54.5676, 58.9946, 30.7014



47.8560, 58.9946, 35.7251

Triad

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



54.5676, 58.9946, 30.7014



44.9495, 58.9946, 92.3446



70.6510, 58.9946, 83.0774

Complementary

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



54.5676, 58.9946, 30.7014



33.3652, 31.9128, 71.4190

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.



65.1797, 58.9946, 104.9058



54.5676, 58.9946, 30.7014



50.2619, 58.9946, 111.0538

Square

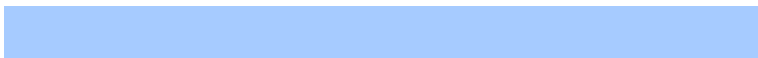
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.5676, 58.9946, 30.7014



42.6380, 58.9946, 68.6833



57.6050, 58.9946, 116.1087



72.0687, 58.9946, 59.9832

Rectangle

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



54.5676, 58.9946, 30.7014



44.7186, 58.9946, 43.3388



57.6050, 58.9946, 116.1087



69.2021, 58.9946, 90.9554

Sweetspot

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



54.5691, 58.9973, 30.7026



88.6100, 94.3859, 84.3538



43.1225, 34.0442, 33.2378



18.8267, 20.0771, 17.5351



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.



54.5691, 58.9973, 30.7026



74.2882, 80.3425, 34.5693



51.6088, 63.7204, 31.7703



13.9323, 14.8039, 13.8487



26.5742, 27.4340, 3.8947



1.7785, 1.8911, 0.2713

Inverse Universe

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



33.3652, 31.9128, 71.4190



40.4354, 37.1225, 99.6419



35.4327, 29.2408, 70.7943



12.5460, 13.0317, 16.5063



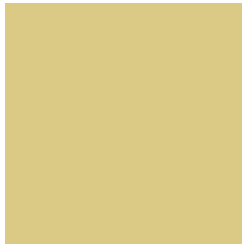
8.1613, 4.1920, 40.1174



0.5896, 0.3934, 2.6193

Previews

White Background



This preview shows how the XYZ color 54.5676, 58.9946, 30.7014 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 54.5676, 58.9946, 30.7014 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 54.5676, 58.9946, 30.7014

Background



This preview shows how black text looks on a background with the XYZ color 54.5676, 58.9946, 30.7014.



This preview shows how white text looks on a background with the XYZ color 54.5676, 58.9946,

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

54.5676, 58.9946, 30.7014

Protanopia

54.5676, 58.9946, 30.7014

Deuteranopia

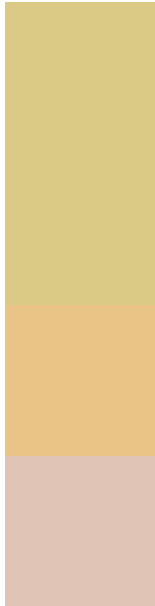
60.0611, 58.7664, 31.0992



Tritanopia

62.1337, 59.0249, 67.7927

Trichromacy



Original Color

54.5676, 58.9946, 30.7014

Protanomaly

54.5676, 58.9946, 30.7014

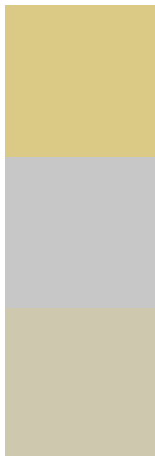
Deuteranomaly

57.9747, 58.6935, 30.8276

Tritanomaly

58.8209, 58.6633, 51.9390

Monochromacy



Original Color

54.5676, 58.9946, 30.7014

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8457, 57.5255, 48.8230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5676, 58.9946, 30.7014 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, 202, 133)` looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 133)  
}
```

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, 202, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 133) }
```

Border

The CSS property to change the border of an element to XYZ 54.5676, 58.9946, 30.7014 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, 202, 133) }
```


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

```
.border{ border-color:rgb(219, 202, 133) }
```

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

Here you see how a box with a 4 pixel rgb(219, 202, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 202, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 202, 133);  
box-shadow:4px 4px 4px 4px rgb(219, 202,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5676, 58.9946, 30.7014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 133) }
```

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

```
.background{ background-color: rgb(219,  
202, 133) }
```

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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