

Converting Colors

XYZ(54.2418, 59.1085, 29.9187)

Have a look what the booklet for
XYZ(54.2418, 59.1085, 29.9187)
contains.

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Color

**XYZ(54.3661, 59.2560,
30.0449)**

Conversions

Conversions Part 1

Format	Color
Hex	DACB83
RGB	218, 203, 131
RGB Percent	85%, 80%, 51%
CMY	0.1451, 0.2039, 0.4863
CMYK	0.00, 0.07, 0.40, 0.15
HSL	50°, 54%, 68%
HSV	50°, 40%, 85%
XYZ	54.3661, 59.2560, 30.0449
YIQ	199.2770, 32.0520, -19.2120

Conversions

Conversions Part 2

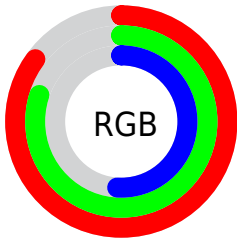
Format	Color
R _Y B	149, 218, 131
Decimal	14338947
CIE Lab	81.43, -4.92, 37.78
CIE LCh	81, 38.098, 97.415
Yxy	59.2560, 0.3784, 0.4125
Android (android.graphics.Color)	4292529027 (0xFFDACB83)
YUV	199.2770, -33.6606, 16.4201
Hunter-Lab	76.9779, -8.6447, 30.7433

Details

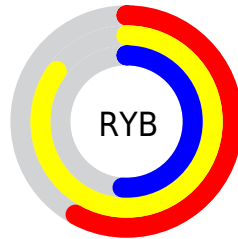
The XYZ color **54.3661, 59.2560, 30.0449** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.2936, 30.4441, 70.5038**, and the grayscale version is **54.6430, 57.4887, 62.6052**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **27.0957, 29.7555, 11.9047** is the 20% darker color. If you saturate the color by 10%, you get **52.1653, 56.9752, 22.7731**, and if you desaturate by 10%, it is **56.9023, 61.7097, 38.9635**.

Distribution



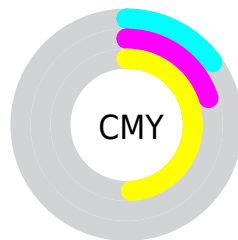
- Red (85%)
- Green (80%)
- Blue (51%)



- Red (58%)
- Yellow (85%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (40%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3661, 59.2560, 30.0449 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 54.3661, 59.2560, 30.0449 by changing the saturation by 10% instead.

■ 54.3661, 59.2560,
30.0449

■ 54.3661, 59.2560,
30.0449

393.6801,
421.8500, 316.3275

■ 39.1263, 42.8192,
19.6203

■ 95.7653, 103.7496,
60.7950

■ 27.0391, 29.7433,
11.9380

■ 122.6554,
132.5753, 81.9577

■ 17.7394, 19.6438,
6.5795

■ 154.1596,
166.2994, 107.5367

■ 10.8616, 12.1364,
3.1261

190.6433,
205.3063, 137.9508

■ 6.0404, 6.8366,
1.1594

232.4719,
249.9804, 173.6183

■ 2.9106, 3.3602,
0.0000

280.0106,

■ 1.1066, 1.3225,

300.7061, 214.9579

0.0000

333.6249,
357.8678, 262.3882

■ 0.0307, 0.1585,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3661, 59.2560,
30.0449

■ 54.3661, 59.2560,
30.0449

■ 52.1653, 56.9752,
22.7731

■ 56.9023, 61.7097,
38.9635

■ 50.2755, 54.8508,
17.0407


■ 59.7875, 64.3354,
49.6197


■ 48.6763, 52.8766,
12.7337


■ 63.0399, 67.1430,
62.1022


■ 47.3426, 51.0423,
9.7204


■ 66.6752, 70.1388,
76.4924


 46.2444, 49.3356,
7.8446


 70.7079, 73.3289,
92.8669


 45.3292, 47.7353,
6.8305

 74.0373, 76.2733,
105.4278

 45.3211, 47.7207,
6.8223

 75.0676, 78.3338,
105.7712

 76.1203, 80.4393,
106.1221

 77.1958, 82.5901,
106.4806

Harmonies

Analogous

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



62.4154, 59.2560, 31.8833



54.3661, 59.2560, 30.0449



47.5121, 59.2560, 35.5568

Triad

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



54.3661, 59.2560, 30.0449



45.0028, 59.2560, 95.0350



71.6919, 59.2560, 82.8903

Complementary

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



54.3661, 59.2560, 30.0449



32.2936, 30.4441, 70.5038

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.



66.1567, 59.2560, 106.0438



54.3661, 59.2560, 30.0449



50.6369, 59.2560, 114.1306

Square

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



54.3661, 59.2560, 30.0449



42.4477, 59.2560, 70.3520



58.3223, 59.2560, 118.5744



72.9291, 59.2560, 59.0190

Rectangle

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



54.3661, 59.2560, 30.0449



44.3680, 59.2560, 43.6482



58.3223, 59.2560, 118.5744



70.2485, 59.2560, 91.1664

Sweetspot

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



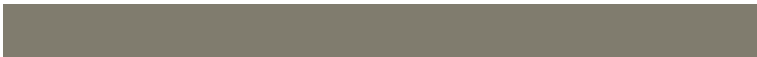
54.3676, 59.2587, 30.0461



88.8494, 94.8646, 84.4336



42.2927, 33.2437, 31.7715



18.8834, 20.1904, 17.5540



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.



54.3676, 59.2587, 30.0461



74.8416, 81.7335, 33.8773



50.5162, 62.7867, 30.9301



13.9613, 14.8620, 13.8584



27.2220, 28.7296, 4.1106



1.8150, 1.9641, 0.2834

Inverse Universe

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



32.2936, 30.4441, 70.5038



39.1653, 35.1849, 99.3349



34.9808, 28.6203, 70.0101



12.5192, 12.9781, 16.4973



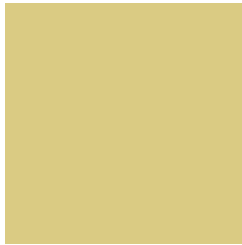
8.0430, 3.9554, 40.0780



0.5770, 0.3682, 2.6151

Previews

White Background



This preview shows how the XYZ color 54.3661, 59.2560, 30.0449 looks on a white background.

Color Contrast Check

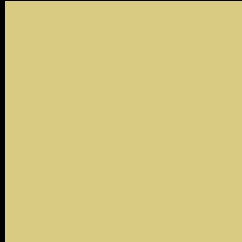
Large Text (above 18pt) WCAG AA × Fail

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 54.3661, 59.2560, 30.0449 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 54.3661, 59.2560, 30.0449

Background



This preview shows how black text looks on a background with the XYZ color 54.3661, 59.2560, 30.0449.



This preview shows how white text looks on a background with the XYZ color 54.3661, 59.2560,

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

54.3661, 59.2560, 30.0449

Protanopia

54.7325, 59.0954, 29.9946

Deuteranopia

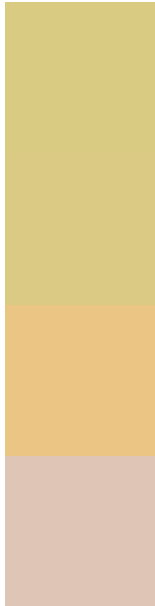
60.2658, 58.8881, 30.3805



Tritanopia

61.9426, 58.9121, 68.4280

Trichromacy



Original Color

54.3661, 59.2560, 30.0449

Protanomaly

54.4307, 58.9398, 29.9804

Deuteranomaly

58.0628, 59.0909, 30.1752

Tritanomaly

58.7382, 58.9567, 52.0000

Monochromacy



Original Color

54.3661, 59.2560, 30.0449

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7479, 57.4864, 48.3076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3661, 59.2560, 30.0449 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(218, 203, 131)` looks like.

```
.text, #text, p{  
    color:rgb(218, 203, 131)  
}
```

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(218, 203, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 203, 131) }
```

Border

The CSS property to change the border of an element to XYZ 54.3661, 59.2560, 30.0449 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(218, 203, 131) }
```


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

```
.border{ border-color:rgb(218, 203, 131) }
```

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

Here you see how a box with a 4 pixel rgb(218, 203, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 203, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 203, 131);  
box-shadow:4px 4px 4px 4px rgb(218, 203,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3661, 59.2560, 30.0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 203, 131) }
```

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

```
.background{ background-color: rgb(218,  
203, 131) }
```

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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