

Converting Colors

XYZ(53.9558, 58.5254, 32.8236)

Have a look what the booklet for
XYZ(53.9558, 58.5254, 32.8236)
contains.

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Color

**XYZ(54.0996, 58.7041,
32.9058)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CA8B
RGB	216, 202, 139
RGB Percent	85%, 79%, 55%
CMY	0.1529, 0.2078, 0.4549
CMYK	0.00, 0.06, 0.36, 0.15
HSL	49°, 50%, 70%
HSV	49°, 36%, 85%
XYZ	54.0996, 58.7041, 32.9058
YIQ	199.0040, 28.5670, -16.6250

Conversions

Conversions Part 2

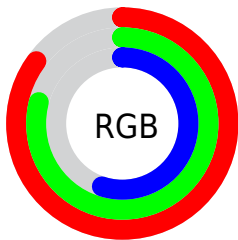
Format	Color
R _{YB}	156, 216, 139
Decimal	14207627
CIE Lab	81.13, -4.29, 33.25
CIE LCh	81, 33.524, 97.349
Yxy	58.7041, 0.3713, 0.4029
Android (android.graphics.Color)	4292397707 (0xFFD8CA8B)
YUV	199.0040, -29.5820, 14.9055
Hunter-Lab	76.6186, -8.0456, 28.1694

Details

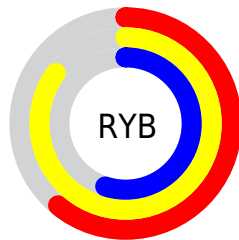
The XYZ color **54.0996, 58.7041, 32.9058** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.4331, 33.2282, 69.5645**, and the grayscale version is **54.4529, 57.2887, 62.3873**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **26.8486, 29.3580, 13.4841** is the 20% darker color. If you saturate the color by 10%, you get **51.7658, 56.3175, 25.0959**, and if you desaturate by 10%, it is **56.7716, 61.2677, 42.3682**.

Distribution



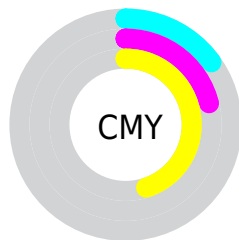
- Red (85%)
- Green (79%)
- Blue (55%)



- Red (61%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (6%)
- Yellow (36%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0996, 58.7041, 32.9058 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 54.0996, 58.7041, 32.9058 by changing the saturation by 10% instead.

■ 54.0996, 58.7041,
32.9058

■ 54.0996, 58.7041,
32.9058

392.6819,
419.8045, 329.8440

■ 38.9123, 42.3750,
21.7838

■ 95.3765, 102.9475,
65.3427

■ 26.8719, 29.3950,
13.5013

■ 122.1968,
131.6305, 87.4947

■ 17.6131, 19.3798,
7.6399

■ 153.6255,
165.2003, 114.1605

■ 10.7706, 11.9451,
3.7809

190.0279,
204.0413, 145.7585

■ 5.9789, 6.7063,
1.5060

231.7694,
248.5378, 182.7073

■ 2.8728, 3.2791,
0.2224

279.2153,

■ 1.0869, 1.2791,

299.0742, 225.4255

0.0000

332.7310,
356.0350, 274.3315

■ 0.0141, 0.1250,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0996, 58.7041,
32.9058

■ 54.0996, 58.7041,
32.9058

■ 51.7658, 56.3175,
25.0959

■ 56.7716, 61.2677,
42.3682

■ 49.7472, 54.0921,
18.8375

■ 59.7946, 64.0074,
53.5687

■ 48.0247, 52.0220,
14.0244

■ 63.1859, 66.9324,
66.5913

■ 46.5751, 50.0978,
10.5355

■ 66.9603, 70.0489,
81.5137

■ 45.3715, 48.3084,
8.2296

■ 71.1319, 73.3629,
98.4087

■ 44.3807, 46.6402,
6.9333

■ 73.4457, 75.9727,
105.4009

■ 43.9902, 45.9416,
6.5491

■ 74.5228, 78.1267,
105.7599

■ 75.6244, 80.3300,
106.1272

■ 76.7508, 82.5828,
106.5026

Harmonies

Analogous

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



61.1193, 58.7041, 34.6346



54.0996, 58.7041, 32.9058



48.0537, 58.7041, 38.0015

Triad

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



54.0996, 58.7041, 32.9058



45.8051, 58.7041, 90.1493



69.1028, 58.7041, 79.8715

Complementary

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



54.0996, 58.7041, 32.9058



34.4331, 33.2282, 69.5645

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.



64.3293, 58.7041, 99.5486



54.0996, 58.7041, 32.9058



50.7920, 58.7041, 106.2923

Square

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



54.0996, 58.7041, 32.9058



43.5308, 58.7041, 68.9554



57.5285, 58.7041, 110.0493



70.1736, 58.7041, 59.1336

Rectangle

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



54.0996, 58.7041, 32.9058



45.2549, 58.7041, 45.3644



57.5285, 58.7041, 110.0493



67.8598, 58.7041, 86.9469

Sweetspot

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



54.1011, 58.7068, 32.9070



89.2534, 95.1136, 86.2915



43.3113, 35.3686, 34.7323



18.9611, 20.2344, 17.9236



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.



54.1011, 58.7068, 32.9070



76.1067, 82.7727, 38.8953



50.8576, 62.1323, 33.7392



13.2720, 14.1182, 13.1863



26.1106, 27.3384, 3.9007



1.6260, 1.7512, 0.2523

Inverse Universe

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



34.4331, 33.2282, 69.5645



43.2943, 40.2824, 100.1012



36.8107, 31.2509, 69.0575



11.9234, 12.3701, 15.6968



7.8277, 3.9172, 38.7967



0.5280, 0.3480, 2.3587

Previews

White Background



This preview shows how the XYZ color 54.0996, 58.7041, 32.9058 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 54.0996, 58.7041, 32.9058 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 54.0996, 58.7041, 32.9058

Background



This preview shows how black text looks on a background with the XYZ color 54.0996, 58.7041, 32.9058.



This preview shows how white text looks on a background with the XYZ color 54.0996, 58.7041,

32.9058.

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

54.0996, 58.7041, 32.9058

Protanopia

54.4603, 58.5428, 32.8556

Deuteranopia

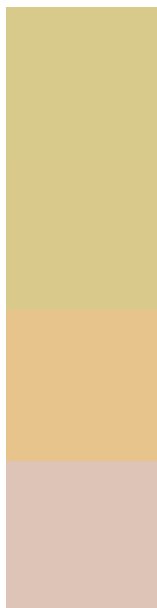
59.8129, 58.5883, 33.3555



Tritanopia

61.1956, 58.5413, 67.7488

Trichromacy



Original Color

54.0996, 58.7041, 32.9058

Protanomaly

54.1621, 58.3891, 32.8417

Deuteranomaly

57.4285, 58.3622, 33.0492

Tritanomaly

58.1060, 58.2709, 52.9846

Monochromacy



Original Color

54.0996, 58.7041, 32.9058

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7669, 57.4620, 49.8524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0996, 58.7041, 32.9058 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(216, 202, 139)` looks like.

```
.text, #text, p{  
    color:rgb(216, 202, 139)  
}
```

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(216, 202, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 202, 139) }
```

Border

The CSS property to change the border of an element to XYZ 54.0996, 58.7041, 32.9058 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(216, 202, 139) }
```


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

```
.border{ border-color:rgb(216, 202, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 202, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 202, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 202, 139); box-shadow:4px 4px 4px 4px rgb(216, 202, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0996, 58.7041, 32.9058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 202, 139) }
```

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

```
.background{ background-color: rgb(216,  
202, 139) }
```

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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