

Converting Colors

XYZ(53.8206, 58.0479, 33.7363)

Have a look what the booklet for
XYZ(53.8206, 58.0479, 33.7363)
contains.

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Color

**XYZ(54.0133, 58.2953,
33.6046)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C98D
RGB	216, 201, 141
RGB Percent	85%, 79%, 55%
CMY	0.1529, 0.2117, 0.4471
CMYK	0.00, 0.07, 0.35, 0.15
HSL	48°, 49%, 70%
HSV	48°, 35%, 85%
XYZ	54.0133, 58.2953, 33.6046
YIQ	198.6450, 28.2000, -15.4800

Conversions

Conversions Part 2

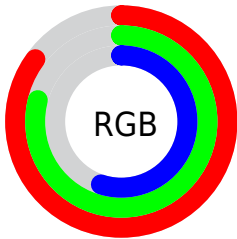
Format	Color
R _{YB}	160, 216, 141
Decimal	14207373
CIE Lab	80.90, -3.53, 31.92
CIE LCh	81, 32.110, 96.319
Yxy	58.2953, 0.3702, 0.3995
Android (android.graphics.Color)	4292397453 (0xFFD8C98D)
YUV	198.6450, -28.4190, 15.2203
Hunter-Lab	76.3514, -7.3385, 27.3506

Details

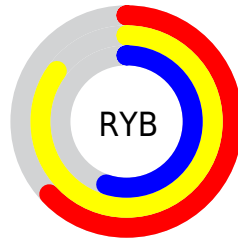
The XYZ color **54.0133, 58.2953, 33.6046** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.2675, 34.3966, 69.7463**, and the grayscale version is **54.2264, 57.0504, 62.1279**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **26.7764, 29.0792, 13.8744** is the 20% darker color. If you saturate the color by 10%, you get **51.5682, 55.7310, 25.6188**, and if you desaturate by 10%, it is **56.8031, 61.0469, 43.2530**.

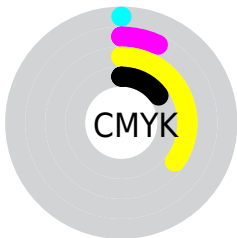
Distribution



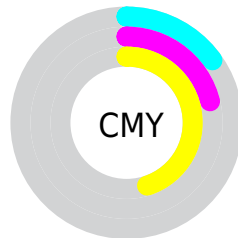
- Red (85%)
- Green (79%)
- Blue (55%)



- Red (63%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (7%)
- Yellow (35%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0133, 58.2953, 33.6046 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 54.0133, 58.2953, 33.6046 by changing the saturation by 10% instead.

■ 54.0133, 58.2953,
33.6046

■ 54.0133, 58.2953,
33.6046

392.3582,
418.2854, 333.0805

■ 38.8430, 42.0461,
22.3151

■ 95.2506, 102.3528,
66.4452

■ 26.8178, 29.1374,
13.8881

■ 122.0482,
130.9298, 88.8333

■ 17.5723, 19.1848,
7.9050

■ 153.4524,
164.3849, 115.7581

■ 10.7412, 11.8039,
3.9473

189.8284,
203.1025, 147.6381

■ 5.9591, 6.6103,
1.5965

231.5417,
247.4670, 184.8918

■ 2.8606, 3.2196,
0.2883

278.9575,

■ 1.0805, 1.2474,

297.8626, 227.9377

0.0000

332.4412,
354.6740, 277.1945

■ 0.0087, 0.0999,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0133, 58.2953,
33.6046

■ 54.0133, 58.2953,
33.6046

■ 51.5682, 55.7310,
25.6188

■ 56.8031, 61.0469,
43.2530

■ 49.4449, 53.3383,
19.1956

■ 59.9504, 63.9851,
54.6491

■ 47.6244, 51.1113,
14.2297

■ 63.4723, 67.1191,
67.8764

■ 46.0837, 49.0404,
10.6015

■ 67.3837, 70.4553,
83.0121

■ 44.7964, 47.1146,
8.1720

■ 71.6987, 73.9997,
100.1287

■ 43.7300, 45.3206,
6.7719

■ 73.8154, 76.7118,
105.5241

■ 43.2270, 44.4150,
6.2946

■ 75.0109, 79.1028,
105.9226

■ 76.2362, 81.5535,
106.3311

■ 77.4916, 84.0643,
106.7495

Harmonies

Analogous

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



60.7006, 58.2953, 35.5108



54.0133, 58.2953, 33.6046



48.1787, 58.2953, 38.3165

Triad

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



54.0133, 58.2953, 33.6046



45.7363, 58.2953, 87.7108



67.9540, 58.2953, 79.3367

Complementary

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



54.0133, 58.2953, 33.6046



35.2675, 34.3966, 69.7463

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.



63.3264, 58.2953, 97.7635



54.0133, 58.2953, 33.6046



50.4323, 58.2953, 103.2348

Square

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



54.0133, 58.2953, 33.6046



43.6525, 58.2953, 67.5876



56.8264, 58.2953, 107.2399



69.1043, 58.2953, 59.5302

Rectangle

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



54.0133, 58.2953, 33.6046



45.4400, 58.2953, 45.2642



56.8264, 58.2953, 107.2399



66.7364, 58.2953, 86.0095

Sweetspot

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



54.0148, 58.2980, 33.6058



89.6079, 95.2552, 88.1586



43.8450, 36.0496, 36.1006



19.0259, 20.2509, 18.2937



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.



54.0148, 58.2980, 33.6058



75.8828, 82.0057, 39.8047



51.4840, 62.4384, 34.5384



13.2521, 14.0785, 13.1797



25.6638, 26.4447, 3.7517



1.6027, 1.7047, 0.2446

Inverse Universe

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



35.2675, 34.3966, 69.7463



44.4909, 41.9991, 100.3695



37.1270, 31.8478, 69.1563



11.9417, 12.4068, 15.7029



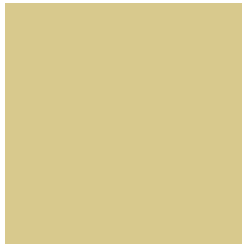
7.9130, 4.0877, 38.8251



0.5366, 0.3651, 2.3615

Previews

White Background



This preview shows how the XYZ color 54.0133, 58.2953, 33.6046 looks on a white background.

Color Contrast Check

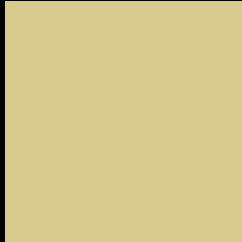
Large Text (above 18pt) WCAG AA × Fail

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 54.0133, 58.2953, 33.6046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

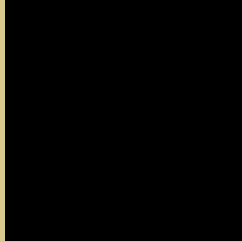
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0133, 58.2953, 33.6046

Background



This preview shows how black text looks on a background with the XYZ color 54.0133, 58.2953, 33.6046.



This preview shows how white text looks on a background with the XYZ color 54.0133, 58.2953,

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

54.0133, 58.2953, 33.6046

Protanopia

54.3096, 58.4481, 33.6185

Deuteranopia

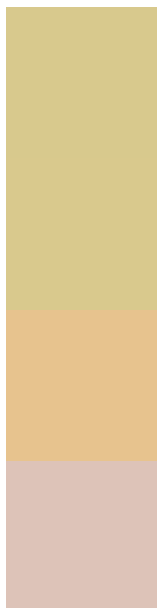
59.4042, 58.0332, 34.0572



Tritanopia

60.9753, 58.1006, 67.6753

Trichromacy



Original Color

54.0133, 58.2953, 33.6046

Protanomaly

54.3096, 58.4481, 33.6185

Deuteranomaly

57.3526, 57.9721, 33.7581

Tritanomaly

57.9856, 57.8631, 53.4599

Monochromacy



Original Color

54.0133, 58.2953, 33.6046

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8670, 57.5020, 50.3794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0133, 58.2953, 33.6046 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, 201, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 201, 141)  
}
```

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, 201, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 201, 141) }
```

Border

The CSS property to change the border of an element to XYZ 54.0133, 58.2953, 33.6046 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, 201, 141) }
```


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

```
.border{ border-color:rgb(216, 201, 141) }
```

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

Here you see how a box with a 4 pixel rgb(216, 201, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 201, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 201, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 201,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0133, 58.2953, 33.6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 201, 141) }
```

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

```
.background{ background-color: rgb(216,  
201, 141) }
```

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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