

Converting Colors

XYZ(53.0635, 54.3796, 33.6862)

Have a look what the booklet for
XYZ(53.0635, 54.3796, 33.6862)
contains.

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Color

**XYZ(53.1039, 54.4604,
33.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBF8F
RGB	220, 191, 143
RGB Percent	86%, 75%, 56%
CMY	0.1373, 0.2510, 0.4392
CMYK	0.00, 0.13, 0.35, 0.14
HSL	37°, 52%, 71%
HSV	37°, 35%, 86%
XYZ	53.1039, 54.4604, 33.6996
YIQ	194.1990, 32.6920, -8.7800

Conversions

Conversions Part 2

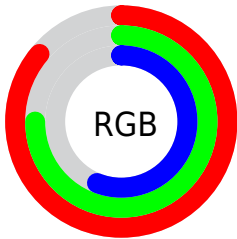
Format	Color
R _Y B	190, 220, 143
Decimal	14466959
CIE Lab	78.73, 3.50, 28.04
CIE LCh	79, 28.258, 82.894
Yxy	54.4604, 0.3759, 0.3855
Android (android.graphics.Color)	4292657039 (0xFFDCBF8F)
YUV	194.1990, -25.2411, 22.6275
Hunter-Lab	73.7973, -0.6982, 24.5833

Details

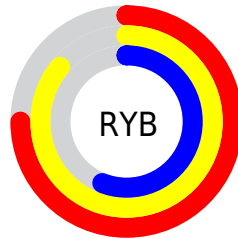
The XYZ color **53.1039, 54.4604, 33.6996** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.9980, 40.5107, 73.4741**, and the grayscale version is **51.5284, 54.2119, 59.0368**.

A 20% lighter version of the original color is **84.5788, 91.8127, 66.0872**, and **26.3301, 26.8422, 13.9185** is the 20% darker color. If you saturate the color by 10%, you get **49.8426, 50.3483, 25.1809**, and if you desaturate by 10%, it is **56.7971, 58.9127, 43.9759**.

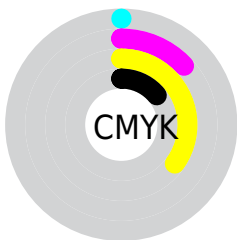
Distribution



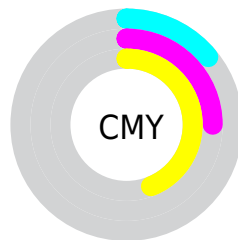
- Red (86%)
- Green (75%)
- Blue (56%)



- Red (75%)
- Yellow (86%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1039, 54.4604, 33.6996 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 53.1039, 54.4604, 33.6996 by changing the saturation by 10% instead.


 53.1039, 54.4604,
33.6996

 53.1039, 54.4604,
33.6996


388.9380,
403.8632, 333.5187

 38.1135, 38.9699,
22.3874


 93.9219, 96.7499,
66.5948

 26.2484, 26.7363,
13.9408


 120.4802,
124.3177, 89.0149

 17.1432, 17.3753,
7.9412


151.6252,
156.6800, 115.9747

 10.4326, 10.5024,
3.9701

187.7222,
194.2212, 147.8928

 5.7512, 5.7333,
1.6090

229.1367,
237.3257, 185.1877

 2.7336, 2.6836,
0.2972

276.2339,

 1.0145, 0.9689,

286.3780, 228.2780

0.0000

329.3792,
341.7624, 277.5821

■ 0.0000, 0.0000,
0.0000

■ 53.1039, 54.4604,
33.6996

■ 53.1039, 54.4604,
33.6996

■ 49.8426, 50.3483,
25.1809

■ 56.7971, 58.9127,
43.9759

■ 46.9880, 46.5578,
18.3148

■ 60.9372, 63.7080,
56.0998

■ 44.5188, 43.0795,
12.9903

■ 65.5437, 68.8584,
70.1592

■ 42.4093, 39.9004,
9.0810

■ 70.6333, 74.3734,
86.2353

■ 40.6298, 37.0057,
6.4404

■ 76.2221, 80.2616,
104.4046

■ 39.1448, 34.3781,
4.8891

■ 78.9351, 85.1755,
106.8879

■ 38.4832, 33.1517,
4.3706

■ 81.4395, 90.1843,
107.7227

■ 83.3252, 93.9556,
108.3513

Harmonies

Analogous

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



58.5210, 54.4604, 37.9829



53.1039, 54.4604, 33.6996



47.6937, 54.4604, 35.2232

Triad

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



53.1039, 54.4604, 33.6996



42.4803, 54.4604, 72.0957



60.8156, 54.4604, 79.8723

Complementary

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



53.1039, 54.4604, 33.6996



38.9980, 40.5107, 73.4741

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.



56.0574, 54.4604, 92.4115



53.1039, 54.4604, 33.6996



45.5463, 54.4604, 87.3873

Square

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



53.1039, 54.4604, 33.6996



41.8142, 54.4604, 55.5714



50.4448, 54.4604, 95.3840



63.1765, 54.4604, 63.1878

Rectangle

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



53.1039, 54.4604, 33.6996



44.7873, 54.4604, 39.4866



50.4448, 54.4604, 95.3840



59.4278, 54.4604, 84.8259

Sweetspot

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



53.1053, 54.4629, 33.7007



88.2257, 92.4909, 87.6978



46.8341, 37.8596, 44.1301



18.6903, 19.5798, 18.1819



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.



53.1053, 54.4629, 33.7007



70.7940, 71.8282, 38.1085



57.4201, 67.0210, 35.8973



13.7288, 14.3970, 13.7809



22.6958, 19.6771, 2.6019



1.5522, 1.4385, 0.1959

Inverse Universe

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



38.9980, 40.5107, 73.4741



48.2769, 49.5711, 101.6315



35.6870, 31.4867, 71.9068



12.7385, 13.4166, 16.5704



9.4889, 6.8472, 40.5599



0.6961, 0.6062, 2.6548

Previews

White Background



This preview shows how the XYZ color 53.1039, 54.4604, 33.6996 looks on a white background.

Color Contrast Check

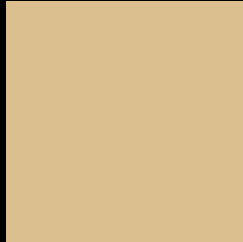
Large Text (above 18pt) WCAG AA × Fail

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 53.1039, 54.4604, 33.6996 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 53.1039, 54.4604, 33.6996

Background



This preview shows how black text looks on a background with the XYZ color 53.1039, 54.4604, 33.6996.



This preview shows how white text looks on a background with the XYZ color 53.1039, 54.4604,

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

53.1039, 54.4604, 33.6996

Protanopia

50.9204, 54.6299, 34.6489

Deuteranopia

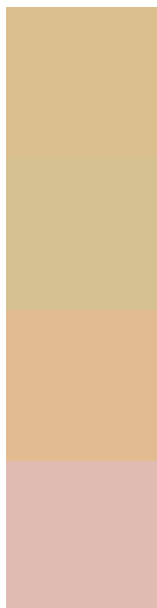
55.4375, 54.3773, 33.9595



Tritanopia

58.6976, 54.5269, 60.8571

Trichromacy



Original Color

53.1039, 54.4604, 33.6996

Protanomaly

51.7664, 54.7433, 34.2237

Deuteranomaly

54.3813, 54.1488, 33.9711

Tritanomaly

56.5467, 54.6023, 49.6784

Monochromacy



Original Color

53.1039, 54.4604, 33.6996

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4364, 53.9316, 48.2563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1039, 54.4604, 33.6996 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(220, 191, 143)` looks like.

```
.text, #text, p{  
    color:rgb(220, 191, 143)  
}
```

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(220, 191, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 191, 143) }
```

Border

The CSS property to change the border of an element to XYZ 53.1039, 54.4604, 33.6996 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(220, 191, 143) }
```


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

```
.border{ border-color:rgb(220, 191, 143) }
```

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

Here you see how a box with a 4 pixel rgb(220, 191, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 191, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 191, 143);  
box-shadow:4px 4px 4px 4px rgb(220, 191,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1039, 54.4604, 33.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 191, 143) }
```

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

```
.background{ background-color: rgb(220,  
191, 143) }
```

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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