

# Converting Colors

XYZ(53.2267, 53.9432, 38.9041)

Have a look what the booklet for  
XYZ(53.2267, 53.9432, 38.9041)  
contains.

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# Color

**XYZ(53.3276, 54.1326,  
39.0905)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DABE9C
RGB	218, 190, 156
RGB Percent	85%, 75%, 61%
CMY	0.1451, 0.2549, 0.3882
CMYK	0.00, 0.13, 0.28, 0.15
HSL	33°, 46%, 73%
HSV	33°, 28%, 85%
XYZ	53.3276, 54.1326, 39.0905
YIQ	194.4960, 27.6020, -4.6380

# Conversions

## Conversions Part 2

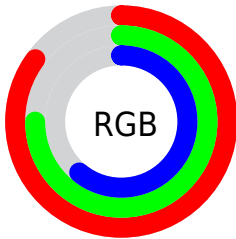
Format	Color
R <sub>Y</sub> B	207, 218, 156
Decimal	14335644
CIE Lab	78.54, 4.89, 20.85
CIE LCh	79, 21.419, 76.792
Yxy	54.1326, 0.3639, 0.3694
Android (android.graphics.Color)	4292525724 (0xFFDABE9C)
YUV	194.4960, -18.9785, 20.6130
Hunter-Lab	73.5749, 0.6221, 20.0015

# Details

The XYZ color **53.3276, 54.1326, 39.0905** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.5053, 46.4095, 72.9947**, and the grayscale version is **51.6709, 54.3618, 59.2000**.

A 20% lighter version of the original color is **85.9536, 91.8747, 74.8314**, and **26.3958, 26.5926, 17.1063** is the 20% darker color. If you saturate the color by 10%, you get **49.5846, 49.3402, 29.5383**, and if you desaturate by 10%, it is **57.5488, 59.3505, 50.4378**.

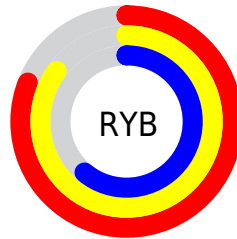
# Distribution



Red (85%)

Green (75%)

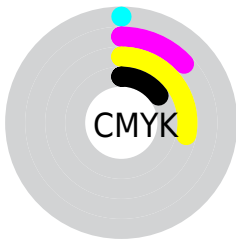
Blue (61%)



Red (81%)

Yellow (85%)

Blue (61%)

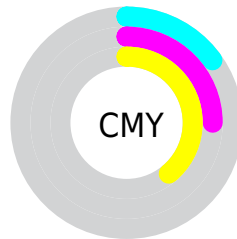


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3276, 54.1326, 39.0905 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 53.3276, 54.1326, 39.0905 by changing the saturation by 10% instead.





 53.3276, 54.1326,  
39.0905

 53.3276, 54.1326,  
39.0905


389.7810,  
402.6155, 357.7125

 38.2929, 38.7077,  
26.5218


 94.2489, 96.2689,  
74.9984

 26.3883, 26.5324,  
16.9851


 120.8663,  
123.7491, 99.1747

 17.2486, 17.2224,  
10.0620


152.0752,  
156.0165, 128.0572

 10.5083, 10.3932,  
5.3340

188.2411,  
193.4555, 162.0645

 5.8021, 5.6604,  
2.3824

229.7292,  
236.4505, 201.6152

 2.7646, 2.6397,  
0.7768

276.9050,

 1.0305, 0.9467,

285.3859, 247.1277

0.0000

330.1339,  
340.6461, 299.0206

■ 0.0000, 0.0000,  
0.0000

■ 53.3276, 54.1326,  
39.0905

■ 53.3276, 54.1326,  
39.0905

■ 49.5846, 49.3402,  
29.5383

■ 57.5488, 59.3505,  
50.4378

■ 46.2950, 44.9532,  
21.6836

■ 62.2631, 64.9985,  
63.6642

■ 43.4379, 40.9605,  
15.4244

■ 67.4898, 71.0905,  
78.8523

■ 40.9889, 37.3474,  
10.6464

■ 73.2461, 77.6376,  
96.0789

■ 38.9202, 34.0979,  
7.2197

■ 77.8953, 83.9892,  
106.7138

■ 37.1999, 31.1941,  
4.9916

■ 80.8598, 89.9180,  
107.7019

■ 35.7817, 28.6121,  
3.7345

■ 82.7235, 93.6454,  
108.3231

■ 35.5777, 28.2339,  
3.5745

# Harmonies

## Analogous

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



57.2085, 54.1326, 43.5756



53.3276, 54.1326, 39.0905



49.1429, 54.1326, 39.3772

# Triad

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



53.3276, 54.1326, 39.0905



44.0683, 54.1326, 65.9119



57.5944, 54.1326, 76.3240

# Complementary

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



53.3276, 54.1326, 39.0905



43.5053, 46.4095, 72.9947

# 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.



53.8311, 54.1326, 84.1023



53.3276, 54.1326, 39.0905



46.0941, 54.1326, 77.5511

# Square

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



53.3276, 54.1326, 39.0905



43.9500, 54.1326, 53.7898



49.6198, 54.1326, 84.5798



59.7612, 54.1326, 64.4114



# Rectangle

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



53.3276, 54.1326, 39.0905



46.7436, 54.1326, 42.2229



49.6198, 54.1326, 84.5798



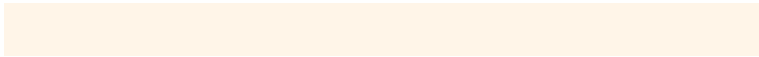
56.4651, 54.1326, 79.5758

# Sweetspot

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



53.3290, 54.1351, 39.0916



88.3553, 92.1745, 89.5158



49.5522, 42.1830, 51.3930



18.6922, 19.4689, 18.5360



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.



53.3290, 54.1351, 39.0916



72.8537, 73.1341, 47.4690



59.3716, 67.1320, 41.2818



13.6450, 14.2293, 13.7529



21.4237, 17.1329, 2.1778



1.4736, 1.2813, 0.1696



# Inverse Universe

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



43.5053, 46.4095, 72.9947



56.6840, 60.4210, 103.2826



38.6577, 36.1155, 71.2632



12.8205, 13.5806, 16.5978



10.3271, 8.5237, 40.8393



0.7543, 0.7228, 2.6742



# Previews

## White Background



This preview shows how the XYZ color 53.3276, 54.1326, 39.0905 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

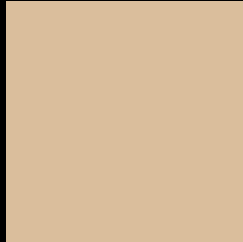
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.3276, 54.1326, 39.0905 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

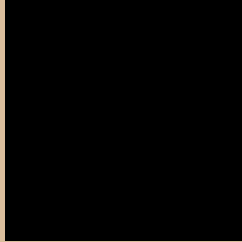
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 53.3276, 54.1326, 39.0905**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.3276, 54.1326, 39.0905.



This preview shows how white text looks on a background with the XYZ color 53.3276, 54.1326,



# 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

53.3276, 54.1326, 39.0905

### Protanopia

50.9169, 54.1740, 40.1208

### Deuteranopia

55.2202, 54.1437, 39.4387



## Tritanopia

57.7650, 54.0462, 60.8135

# Trichromacy



## Original Color

53.3276, 54.1326, 39.0905

## Protanomaly

51.7341, 54.2759, 39.6479

## Deuteranomaly

54.5004, 54.0887, 39.4660

## Tritanomaly

55.9249, 53.9089, 52.2576

# Monochromacy



## Original Color

53.3276, 54.1326, 39.0905

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

51.9368, 54.1317, 50.8911

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.3276, 54.1326, 39.0905 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, 190, 156)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 156)  
}
```

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, 190, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 156) }
```

## Border

The CSS property to change the border of an element to XYZ 53.3276, 54.1326, 39.0905 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, 190, 156) }
```



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

```
.border{ border-color:rgb(218, 190, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 190, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 190, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 190, 156);  
box-shadow:4px 4px 4px 4px rgb(218, 190,  
156) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.3276, 54.1326, 39.0905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 156) }
```

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

```
.background{ background-color: rgb(218,  
190, 156) }
```

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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