

# Converting Colors

XYZ(53.9004, 57.6575, 43.2580)

Have a look what the booklet for  
XYZ(53.9004, 57.6575, 43.2580)  
contains.

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# Color

**XYZ(53.9335, 57.6905,  
43.4147)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2C8A4
RGB	210, 200, 164
RGB Percent	82%, 78%, 64%
CMY	0.1765, 0.2157, 0.3569
CMYK	0.00, 0.05, 0.22, 0.18
HSL	47°, 34%, 73%
HSV	47°, 22%, 82%
XYZ	53.9335, 57.6905, 43.4147
YIQ	198.8860, 17.5160, -9.0760

# Conversions

## Conversions Part 2

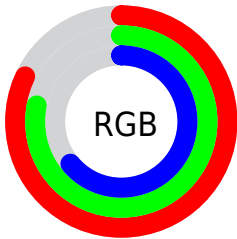
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 210, 164
Decimal	13813924
CIELab	80.57, -2.29, 19.29
CIElCh	81, 19.424, 96.767
Yxy	57.6905, 0.3479, 0.3721
Android (android.graphics.Color)	4292004004 (0xFFD2C8A4)
YUV	198.8860, -17.1988, 9.7470
Hunter-Lab	75.9543, -6.1709, 19.2784

# Details

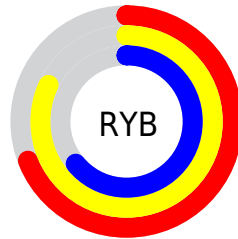
The XYZ color **53.9335, 57.6905, 43.4147** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.0786, 42.8169, 67.0200**, and the grayscale version is **54.3120, 57.1404, 62.2259**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **26.7211, 28.6962, 19.4598** is the 20% darker color. If you saturate the color by 10%, you get **51.1509, 54.9135, 33.8906**, and if you desaturate by 10%, it is **57.0639, 60.6611, 54.6010**.

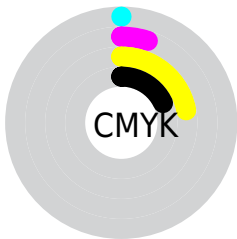
# Distribution



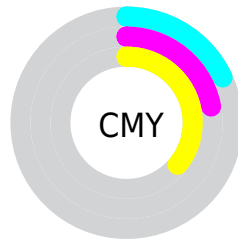
- Red (82%)
- Green (78%)
- Blue (64%)



- Red (69%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (18%)




- Cyan (18%)
- Magenta (22%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9335, 57.6905, 43.4147 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 53.9335, 57.6905, 43.4147 by changing the saturation by 10% instead.





 53.9335, 57.6905,  
43.4147


 53.9335, 57.6905,  
43.4147


392.0589,  
416.0317, 376.2857

 38.7790, 41.5599,  
29.8768


 95.1341, 101.4720,  
81.6293

 26.7678, 28.7568,  
19.4939


 121.9108,  
129.8917, 107.1432

 17.5346, 18.8969,  
11.8473


153.2923,  
163.1765, 137.4861

 10.7140, 11.5958,  
6.5185

189.6439,  
201.7109, 173.0766

 5.9407, 6.4691,  
3.0890

231.3311,  
245.8792, 214.3333

 2.8494, 3.1324,  
1.1403

278.7190,

 1.0746, 1.2012,

296.0658, 261.6747

0.0000

332.1732,  
352.6552, 315.5193

■ 0.0037, 0.0627,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 53.9335, 57.6905,  
43.4147

■ 53.9335, 57.6905,  
43.4147

■ 51.1509, 54.9135,  
33.8906

■ 57.0639, 60.6611,  
54.6010

■ 48.6958, 52.3156,  
25.9442

■ 60.5522, 63.8237,  
67.5214

■ 46.5530, 49.8921,  
19.4888

■ 64.4134, 67.1868,  
82.2478

■ 44.7038, 47.6353,  
14.4281

■ 68.6606, 70.7561,  
98.8470

43.1274, 45.5364,  
10.6542

70.9686, 73.6019,  
105.0739

41.8002, 43.5853,  
8.0435

72.2031, 76.0708,  
105.4854

40.6938, 41.7704,  
6.4481

73.4706, 78.6059,  
105.9079

39.9199, 40.3844,  
5.6910

74.7715, 81.2077,  
106.3415

76.1061, 83.8767,  
106.7864

# Harmonies

## Analogous

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



57.9174, 57.6905, 44.7011



53.9335, 57.6905, 43.4147



50.3653, 57.6905, 46.7980

# Triad

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



53.9335, 57.6905, 43.4147



48.9106, 57.6905, 76.9151



62.1940, 57.6905, 71.8929

# Complementary

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



53.9335, 57.6905, 43.4147



42.0786, 42.8169, 67.0200

# 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.



59.5576, 57.6905, 82.1243



53.9335, 57.6905, 43.4147



51.8603, 57.6905, 85.2608

# Square

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



53.9335, 57.6905, 43.4147



47.5578, 57.6905, 65.4415



55.7426, 57.6905, 87.2743



62.8150, 57.6905, 60.2600



# Rectangle

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



53.9335, 57.6905, 43.4147



48.6594, 57.6905, 51.5202



55.7426, 57.6905, 87.2743



61.5081, 57.6905, 75.6509

# Sweetspot

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



53.9350, 57.6931, 43.4159



91.0830, 96.4533, 94.0525



47.5661, 43.3380, 46.2790



19.4252, 20.5811, 19.8710



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.



53.9350, 57.6931, 43.4159



81.7277, 87.5910, 60.5728



52.9665, 60.7436, 44.0558



12.5764, 13.3434, 12.5247



24.4269, 24.7868, 3.4969



1.4212, 1.4968, 0.2140



# Inverse Universe

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



42.0786, 42.8169, 67.0200



60.3431, 60.7629, 103.1557



42.8739, 40.4661, 66.5243



11.3690, 11.8282, 14.9275



7.7442, 4.1350, 37.5825



0.4930, 0.3512, 2.1214



# Previews

## White Background



This preview shows how the XYZ color 53.9335, 57.6905, 43.4147 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 53.9335, 57.6905, 43.4147 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

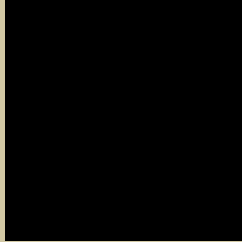
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 53.9335, 57.6905, 43.4147**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.9335, 57.6905, 43.4147.



This preview shows how white text looks on a background with the XYZ color 53.9335, 57.6905,



# 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

53.9335, 57.6905, 43.4147

### Protanopia

54.2756, 57.5242, 43.3646

### Deuteranopia

58.6876, 57.4414, 44.0705



## Tritanopia

59.1193, 57.7860, 68.3595

# Trichromacy



## Original Color

53.9335, 57.6905, 43.4147

## Protanomaly

53.9882, 57.3761, 43.3512

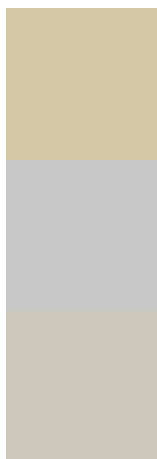
## Deuteranomaly

56.7381, 57.4348, 43.6929

## Tritanomaly

57.0971, 57.6263, 58.5657

# Monochromacy



## Original Color

53.9335, 57.6905, 43.4147

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

53.9150, 57.0885, 54.6319

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.9335, 57.6905, 43.4147 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(210, 200, 164)` looks like.

```
.text, #text, p{  
    color:rgb(210, 200, 164)  
}
```

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(210, 200, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 200, 164) }
```

## Border

The CSS property to change the border of an element to XYZ 53.9335, 57.6905, 43.4147 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(210, 200, 164) }
```



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

```
.border{ border-color:rgb(210, 200, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 200, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 200, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 200, 164);  
box-shadow:4px 4px 4px 4px rgb(210, 200,  
164) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.9335, 57.6905, 43.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 200, 164) }
```

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

```
.background{ background-color: rgb(210,  
200, 164) }
```

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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