

# Converting Colors

XYZ(59.3324, 63.3377, 42.3559)

Have a look what the booklet for  
XYZ(59.3324, 63.3377, 42.3559)  
contains.

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# Color

**XYZ(59.3325, 63.3378,  
42.3560)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFD0A0
RGB	223, 208, 160
RGB Percent	87%, 82%, 63%
CMY	0.1255, 0.1843, 0.3725
CMYK	0.00, 0.07, 0.28, 0.13
HSL	46°, 50%, 75%
HSV	46°, 28%, 87%
XYZ	59.3325, 63.3378, 42.3560
YIQ	207.0130, 24.3480, -11.7480

# Conversions

## Conversions Part 2

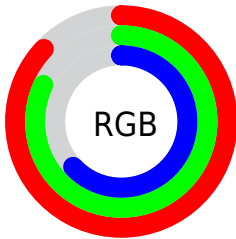
Format	Color
<a href="#">RYB</a>	<a href="#">180, 223, 160</a>
Decimal	<a href="#">14667936</a>
CIELab	<a href="#">83.62, -2.07, 25.76</a>
CIELCh	<a href="#">84, 25.843, 94.603</a>
Yxy	<a href="#">63.3378, 0.3595, 0.3838</a>
Android (android.graphics.Color)	<a href="#">4292858016 (0xFFDFD0A0)</a>
YUV	<a href="#">207.0130, -23.1774, 14.0206</a>
Hunter-Lab	<a href="#">79.5850, -6.1979, 24.1548</a>

# Details

The XYZ color **59.3325, 63.3378, 42.3560** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.1463, 43.4602, 75.9269**, and the grayscale version is **59.4516, 62.5477, 68.1144**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **30.1987, 32.4094, 18.8514** is the 20% darker color. If you saturate the color by 10%, you get **56.2821, 60.0837, 32.5627**, and if you desaturate by 10%, it is **62.7795, 66.8243, 54.0093**.

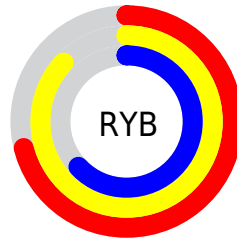
# Distribution



Red (87%)

Green (82%)

Blue (63%)



Red (71%)

Yellow (87%)

Blue (63%)

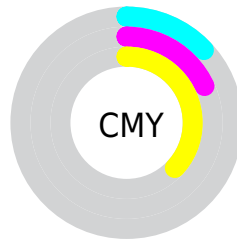


Cyan (0%)

Magenta (7%)

Yellow (28%)

Black (13%)



Cyan (13%)

Magenta (18%)


Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3325, 63.3378, 42.3560 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 59.3325, 63.3378, 42.3560 by changing the saturation by 10% instead.




 59.3325, 63.3378,  
42.3560


 59.3325, 63.3378,  
42.3560


412.0073,  
436.7944, 371.7997

 43.1282, 46.1145,  
29.0525


 102.9726,  
109.6567, 80.0140

 30.1807, 32.3362,  
18.8746


 131.1392,  
139.5211, 105.2056

 20.1245, 21.6184,  
11.4038

164.0239,  
174.3681, 135.1970

 12.5944, 13.5768,  
6.2216

201.9922,  
214.5820, 170.4068

 7.2249, 7.8269,  
2.9093

245.4093,  
260.5471, 211.2533

 3.6507, 3.9844,  
1.0485

294.6406,

 1.5065, 1.6648,

312.6480, 258.1553

0.0000

350.0515,  
371.2689, 311.5313

■ 0.3303, 0.4007,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.3325, 63.3378,  
42.3560

■ 59.3325, 63.3378,  
42.3560

■ 56.2821, 60.0837,  
32.5627

■ 62.7795, 66.8243,  
54.0093

■ 53.6042, 57.0450,  
24.5267

■ 66.6358, 70.5422,  
67.6100

■ 51.2795, 54.2156,  
18.1415

■ 70.9197, 74.5019,  
83.2446

■ 49.2850, 51.5854,  
13.2873

■ 75.6469, 78.7100,  
100.9934

47.5944, 49.1434,  
9.8280

78.0597, 82.0643,  
106.3335

46.1768, 46.8765,  
7.6034

79.5982, 85.1414,  
106.8464

44.9877, 44.7662,  
6.3817

81.1825, 88.3099,  
107.3745

44.7917, 44.4084,  
6.2109

82.8128, 91.5705,  
107.9179

84.2415, 94.4280,  
108.3942

# Harmonies

## Analogous

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



64.9838, 63.3378, 44.4920



59.3325, 63.3378, 42.3560



54.2365, 63.3378, 46.3836

# Triad

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



59.3325, 63.3378, 42.3560



51.6898, 63.3378, 88.1959



70.5633, 63.3378, 83.1950

# Complementary

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



59.3325, 63.3378, 42.3560



43.1463, 43.4602, 75.9269

# 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.



66.5868, 63.3378, 97.8911



59.3325, 63.3378, 42.3560



55.6582, 63.3378, 101.0808

# Square

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



59.3325, 63.3378, 42.3560



50.0032, 63.3378, 71.4928



61.0773, 63.3378, 104.8795



71.6981, 63.3378, 66.4957



# Rectangle

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



59.3325, 63.3378, 42.3560



51.7678, 63.3378, 52.4587



61.0773, 63.3378, 104.8795



69.5029, 63.3378, 88.6124

# Sweetspot

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



59.3341, 63.3407, 42.3573



90.4082, 95.6961, 92.0008



50.8146, 43.9551, 46.7515



19.1733, 20.3148, 19.0549



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.



59.3341, 63.3407, 42.3573



77.8624, 83.1514, 49.1385



58.5354, 68.6152, 43.4175



14.5808, 15.4477, 14.5200



26.4281, 26.2940, 3.6823



1.8993, 1.9574, 0.2777



# Inverse Universe

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



43.1463, 43.4602, 75.9269



52.4463, 51.9455, 101.8700



43.7388, 39.6712, 75.1643



13.2156, 13.7703, 17.3491



8.6552, 4.7800, 41.5148

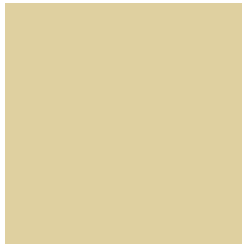


0.6687, 0.4689, 2.9005



# Previews

## White Background



This preview shows how the XYZ color 59.3325, 63.3378, 42.3560 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

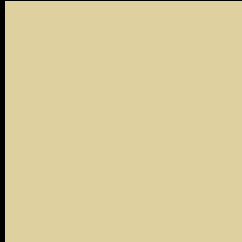
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.3325, 63.3378, 42.3560 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

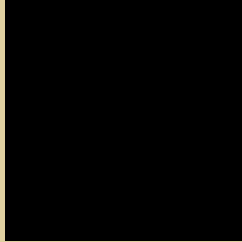
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 59.3325, 63.3378, 42.3560

## Background



This preview shows how black text looks on a background with the XYZ color 59.3325, 63.3378, 42.3560.



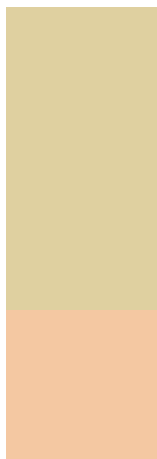
This preview shows how white text looks on a background with the XYZ color 59.3325, 63.3378,



# 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

59.3325, 63.3378, 42.3560

### Protanopia

59.3325, 63.3378, 42.3560

### Deuteranopia

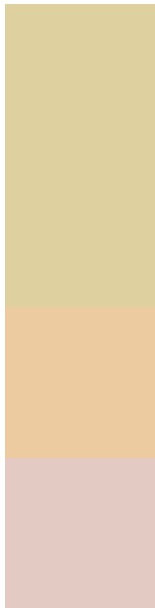
64.4841, 63.1503, 42.9730



## Tritanopia

65.6821, 63.0894, 73.6814

# Trichromacy



## Original Color

59.3325, 63.3378, 42.3560

## Protanomaly

59.3325, 63.3378, 42.3560

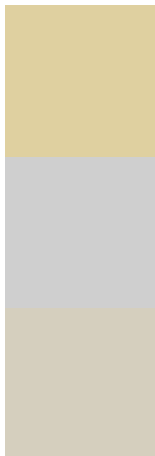
## Deuteranomaly

62.3810, 63.1179, 42.6134

## Tritanomaly

62.9983, 63.0283, 61.0699

# Monochromacy



## Original Color

59.3325, 63.3378, 42.3560

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

59.0477, 62.4895, 57.6647

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.3325, 63.3378, 42.3560 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(223, 208, 160)` looks like.

```
.text, #text, p{  
    color:rgb(223, 208, 160)  
}
```

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(223, 208, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 208, 160) }
```

## Border

The CSS property to change the border of an element to XYZ 59.3325, 63.3378, 42.3560 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(223, 208, 160) }
```



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

```
.border{ border-color:rgb(223, 208, 160) }
```

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

Here you see how a box with a 4 pixel rgb(223, 208, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 208, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 208, 160);  
box-shadow:4px 4px 4px 4px rgb(223, 208,  
160) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.3325, 63.3378, 42.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 208, 160) }
```

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

```
.background{ background-color: rgb(223,  
208, 160) }
```

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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