

# Converting Colors

XYZ(59.2078, 63.4024, 55.4229)

Have a look what the booklet for  
XYZ(59.2078, 63.4024, 55.4229)  
contains.

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# **Color**

**XYZ(59.1040, 63.2922,  
55.5559)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5D1BA
RGB	213, 209, 186
RGB Percent	84%, 82%, 73%
CMY	0.1647, 0.1804, 0.2706
CMYK	0.00, 0.02, 0.13, 0.16
HSL	51°, 24%, 78%
HSV	51°, 13%, 84%
XYZ	59.1040, 63.2922, 55.5559
YIQ	207.5740, 9.7670, -6.3050

# Conversions

## Conversions Part 2

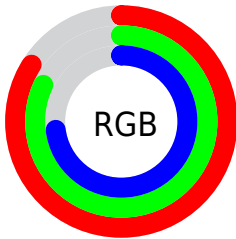
Format	Color
R <sub>Y</sub> B	191, 213, 186
Decimal	14012858
CIE Lab	83.60, -2.52, 11.90
CIE LCh	84, 12.165, 101.957
Yxy	63.2922, 0.3321, 0.3557
Android (android.graphics.Color)	4292202938 (0xFFD5D1BA)
YUV	207.5740, -10.6360, 4.7586
Hunter-Lab	79.5564, -6.6126, 14.2860

# Details

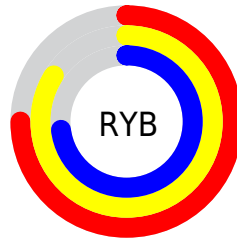
The XYZ color **59.1040, 63.2922, 55.5559** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6734, 52.0693, 70.3311**, and the grayscale version is **59.7421, 62.8534, 68.4473**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **30.0555, 32.4052, 26.8610** is the 20% darker color. If you saturate the color by 10%, you get **56.2411, 60.9238, 44.2503**, and if you desaturate by 10%, it is **62.3232, 65.8319, 68.6471**.

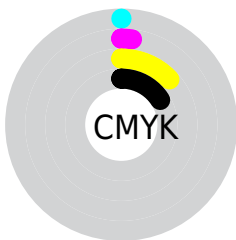
# Distribution



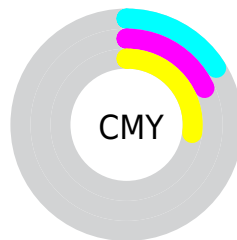
- Red (84%)
- Green (82%)
- Blue (73%)



- Red (75%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1040, 63.2922, 55.5559 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 59.1040, 63.2922, 55.5559 by changing the saturation by 10% instead.



■ 59.1040, 63.2922,  
55.5559

■ 59.1040, 63.2922,  
55.5559

411.1751,  
436.6292, 425.3569

■ 42.9435, 46.0776,  
39.4454

■ 102.6426,  
109.5910, 99.8343

■ 30.0351, 32.3071,  
26.7959

130.7514,  
139.4439, 128.8392

■ 20.0135, 21.5962,  
17.1889

163.5737,  
174.2785, 162.9793

■ 12.5132, 13.5605,  
10.2059

201.4748,  
214.4791, 202.6732

■ 7.1688, 7.8156,  
5.4283

244.8202,  
260.4300, 248.3393

■ 3.6152, 3.9772,  
2.4376

293.9751,

■ 1.4868, 1.6608,

312.5158, 300.3963

0.8068

349.3050,  
371.1207, 359.2626

■ 0.3168, 0.3981,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.1040, 63.2922,  
55.5559

■ 59.1040, 63.2922,  
55.5559

■ 56.2411, 60.9238,  
44.2503

■ 62.3232, 65.8319,  
68.6471

■ 53.7145, 58.7121,  
34.6478

■ 65.9077, 68.5401,  
83.5935

■ 51.5097, 56.6534,  
26.6656

■ 69.8723, 71.4253,  
100.4657

■ 49.6094, 54.7405,  
20.2122

■ 71.5100, 73.4045,  
105.0072

47.9942, 52.9656,  
15.1870

72.3532, 75.0910,  
105.2883

46.6428, 51.3200,  
11.4773

73.2122, 76.8089,  
105.5747

45.5305, 49.7936,  
8.9535

74.0870, 78.5585,  
105.8662

44.6275, 48.3745,  
7.4598

74.9777, 80.3399,  
106.1631

44.0619, 47.3883,  
6.8245

75.8843, 82.1532,  
106.4654

# Harmonies

## Analogous

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



61.7553, 63.2922, 55.9052



59.1040, 63.2922, 55.5559



56.8025, 63.2922, 58.5864

# Triad

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



59.1040, 63.2922, 55.5559



56.4338, 63.2922, 79.1778



65.1522, 63.2922, 73.5511

# Complementary

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



59.1040, 63.2922, 55.5559



50.6734, 52.0693, 70.3311

# 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.



63.6417, 63.2922, 80.3901



59.1040, 63.2922, 55.5559



58.5872, 63.2922, 83.7998

# Square

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



59.1040, 63.2922, 55.5559



55.2916, 63.2922, 71.9937



61.2231, 63.2922, 84.2591



65.3005, 63.2922, 65.9243



# Rectangle

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



59.1040, 63.2922, 55.5559



55.7556, 63.2922, 62.2555



61.2231, 63.2922, 84.2591



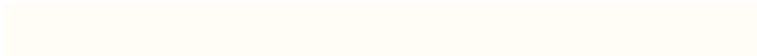
64.7849, 63.2922, 76.0321

# Sweetspot

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



59.1057, 63.2950, 55.5573



92.9712, 98.4010, 100.3194



54.3000, 52.9848, 56.1099



19.8181, 20.9985, 21.1380



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.



59.1057, 63.2950, 55.5573



87.7124, 94.2179, 79.0382



57.4366, 63.9083, 55.7636



13.3089, 14.1921, 13.1986



26.9737, 29.0647, 4.1884



1.6705, 1.8402, 0.2672



# Inverse Universe

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



50.6734, 52.0693, 70.3311



72.8216, 74.3946, 105.1292



52.1921, 51.5850, 70.1576



11.8895, 12.3024, 15.6855



7.6902, 3.6421, 38.7508

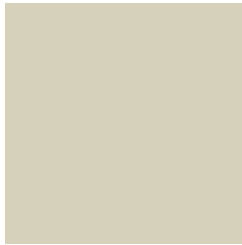


0.5121, 0.3163, 2.3534



# Previews

## White Background



This preview shows how the XYZ color 59.1040, 63.2922, 55.5559 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

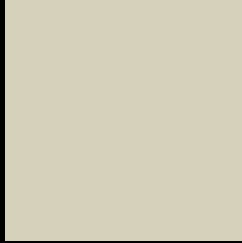
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.1040, 63.2922, 55.5559 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

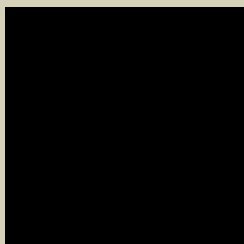
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

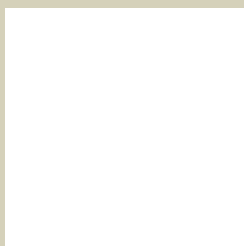
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 59.1040, 63.2922, 55.5559**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.1040, 63.2922, 55.5559.



This preview shows how white text looks on a background with the XYZ color 59.1040, 63.2922,



# 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

59.1040, 63.2922, 55.5559

### Protanopia

59.9281, 63.3662, 54.9713

### Deuteranopia

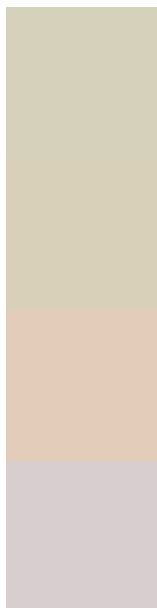
64.5558, 63.2370, 56.3805



## Tritanopia

63.4246, 63.2585, 76.5774

# Trichromacy



## Original Color

59.1040, 63.2922, 55.5559

## Protanomaly

59.6317, 63.2135, 54.9574

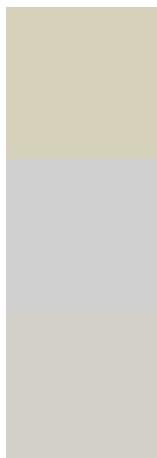
## Deuteranomaly

62.5574, 63.2676, 55.9284

## Tritanomaly

61.7754, 63.2956, 68.6359

# Monochromacy



## Original Color

59.1040, 63.2922, 55.5559

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

59.5595, 62.9835, 63.6615

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.1040, 63.2922, 55.5559 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(213, 209, 186) looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 186)  
}
```

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(213, 209, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 186) }
```

## Border

The CSS property to change the border of an element to XYZ 59.1040, 63.2922, 55.5559 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(213, 209, 186) }
```



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

```
.border{ border-color:rgb(213, 209, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 209, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 186);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
186) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.1040, 63.2922, 55.5559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 186) }
```

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

```
.background{ background-color: rgb(213,  
209, 186) }
```

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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