

# Converting Colors

XYZ(58.3817, 60.2982, 60.1266)

Have a look what the booklet for  
XYZ(58.3817, 60.2982, 60.1266)  
contains.

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# Color

**XYZ(58.4114, 60.3273,  
60.1955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5CAC3
RGB	213, 202, 195
RGB Percent	84%, 79%, 76%
CMY	0.1647, 0.2078, 0.2353
CMYK	0.00, 0.05, 0.08, 0.16
HSL	23°, 18%, 80%
HSV	23°, 8%, 84%
XYZ	58.4114, 60.3273, 60.1955
YIQ	204.4910, 8.8030, 0.1550

# Conversions

## Conversions Part 2

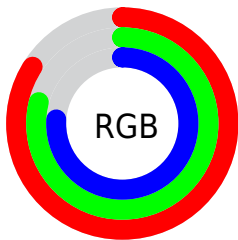
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 206, 195
Decimal	14011075
CIE Lab	82.02, 2.62, 4.85
CIE LCh	82, 5.508, 61.632
Yxy	60.3273, 0.3264, 0.3371
Android (android.graphics.Color)	4292201155 (0xFFD5CAC3)
YUV	204.4910, -4.6791, 7.4624
Hunter-Lab	77.6707, -1.6846, 8.4191

# Details

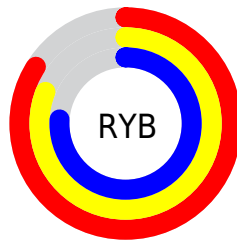
The XYZ color **58.4114, 60.3273, 60.1955** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5871, 60.5478, 71.6558**, and the grayscale version is **57.7314, 60.7379, 66.1436**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.4982, 30.3720, 29.5070** is the 20% darker color. If you saturate the color by 10%, you get **53.2478, 53.5828, 47.4280**, and if you desaturate by 10%, it is **64.1794, 67.7294, 74.8608**.

# Distribution



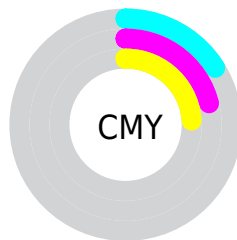
- Red (84%)
- Green (79%)
- Blue (76%)



- Red (84%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4114, 60.3273, 60.1955 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 58.4114, 60.3273, 60.1955 by changing the saturation by 10% instead.



■ 58.4114, 60.3273,  
60.1955

■ 58.4114, 60.3273,  
60.1955

408.6464,  
425.8031, 443.1426

■ 42.3840, 43.6825,  
43.1499

101.6412,  
105.3043, 106.6594

■ 29.5945, 30.4210,  
29.6705

129.5744,  
134.4053, 136.9147

■ 19.6776, 20.1583,  
19.3387

162.2069,  
168.4272, 172.4104

■ 12.2678, 12.5102,  
11.7360

199.9040,  
207.7543, 213.5649

■ 6.9998, 7.0921,  
6.4438

243.0312,  
252.7710, 260.7969

■ 3.5083, 3.5198,  
3.0437

291.9537,

■ 1.4279, 1.4087,

303.8618, 314.5248

1.1170

347.0370,  
361.4111, 375.1672

■ 0.2760, 0.2232,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.4114, 60.3273,  
60.1955

■ 58.4114, 60.3273,  
60.1955

■ 53.2478, 53.5828,  
47.4280

■ 64.1794, 67.7294,  
74.8608

■ 48.6628, 47.4696,  
36.4761

■ 70.5665, 75.7989,  
91.4939

■ 44.6361, 41.9710,  
27.2574

■ 76.9585, 84.3015,  
106.8234

■ 41.1439, 37.0666,  
19.6812

■ 80.9497, 92.2840,  
108.1538

■ 38.1609, 32.7347,  
13.6488

■ 81.2508, 92.8863,  
108.2542

■ 35.6592, 28.9523,  
9.0508

■ 33.6078, 25.6942,  
5.7627

■ 31.9711, 22.9329,  
3.6387

■ 30.6992, 20.6341,  
2.4595

# Harmonies

## Analogous

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



59.2699, 60.3273, 62.3751



58.4114, 60.3273, 60.1955



57.2754, 60.3273, 59.4732

# Triad

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



58.4114, 60.3273, 60.1955



55.1268, 60.3273, 65.8693



58.5235, 60.3273, 71.3076

# Complementary

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



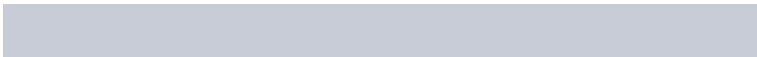
58.4114, 60.3273, 60.1955



56.5871, 60.5478, 71.6558

# 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.



57.4032, 60.3273, 72.3174



58.4114, 60.3273, 60.1955



55.4510, 60.3273, 69.1124

# Square

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



58.4114, 60.3273, 60.1955



55.3886, 60.3273, 62.6817



56.2804, 60.3273, 71.5010



59.3352, 60.3273, 68.7852



# Rectangle

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



58.4114, 60.3273, 60.1955



56.5166, 60.3273, 59.8951



56.2804, 60.3273, 71.5010



58.1700, 60.3273, 71.8390

# Sweetspot

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



58.4131, 60.3299, 60.1968



92.3698, 96.5714, 102.0509



58.1092, 57.6383, 66.5196



19.6207, 20.4774, 21.4610



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

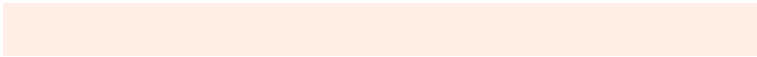


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.4131, 60.3299, 60.1968



86.4430, 88.9256, 87.1036



60.5610, 64.6258, 60.9128



12.8156, 13.2054, 13.0341



18.7382, 12.5936, 1.4432



1.2094, 0.9180, 0.1134

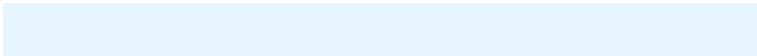


# Inverse Universe

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



56.5871, 60.5478, 71.6558



83.1989, 89.3123, 107.4617



54.5057, 56.3850, 70.9620



12.3677, 13.2588, 15.8449



12.3242, 12.9102, 40.2955



0.8227, 0.9373, 2.4569



# Previews

## White Background



This preview shows how the XYZ color 58.4114, 60.3273, 60.1955 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

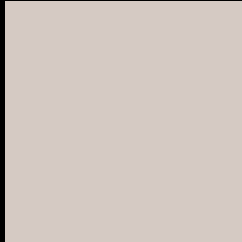
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.4114, 60.3273, 60.1955 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

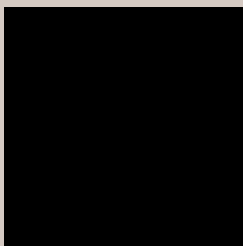
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

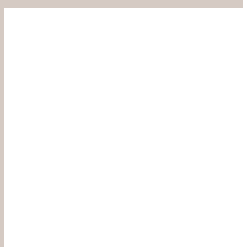
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 58.4114, 60.3273, 60.1955**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.4114, 60.3273, 60.1955.



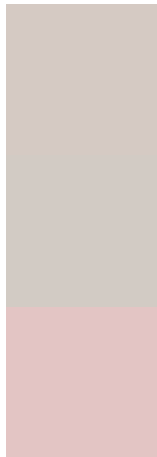
This preview shows how white text looks on a background with the XYZ color 58.4114, 60.3273,



# 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

58.4114, 60.3273, 60.1955

### Protanopia

57.8981, 60.3990, 60.8312

### Deuteranopia

61.6086, 60.2489, 60.6066



## Tritanopia

61.0081, 60.3521, 72.7236

# Trichromacy



## Original Color

58.4114, 60.3273, 60.1955

## Protanomaly

58.1837, 60.5463, 60.8445

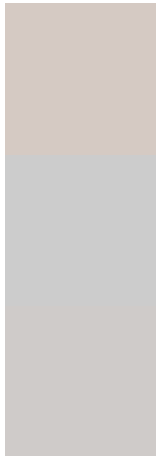
## Deuteranomaly

60.5114, 60.3620, 60.6863

## Tritanomaly

60.0638, 60.3097, 68.1497

# Monochromacy



## Original Color

58.4114, 60.3273, 60.1955

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

57.6307, 60.1943, 63.8395

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.4114, 60.3273, 60.1955 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, 202, 195) looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 195)  
}
```

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, 202, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 195) }
```

## Border

The CSS property to change the border of an element to XYZ 58.4114, 60.3273, 60.1955 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, 202, 195) }
```



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

```
.border{ border-color:rgb(213, 202, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 202, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 202, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 202, 195); box-shadow:4px 4px 4px 4px rgb(213, 202, 195) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.4114, 60.3273, 60.1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 195) }
```

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

```
.background{ background-color: rgb(213,  
202, 195) }
```

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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