

# Converting Colors

XYZ(58.7619, 62.6044, 58.8924)

Have a look what the booklet for  
XYZ(58.7619, 62.6044, 58.8924)  
contains.

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# **Color**

**XYZ(58.9343, 62.7664,  
58.8781)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3D0C0
RGB	211, 208, 192
RGB Percent	83%, 82%, 75%
CMY	0.1725, 0.1843, 0.2471
CMYK	0.00, 0.01, 0.09, 0.17
HSL	51°, 18%, 79%
HSV	51°, 9%, 83%
XYZ	58.9343, 62.7664, 58.8781
YIQ	207.0730, 6.9240, -4.3400

# Conversions

## Conversions Part 2

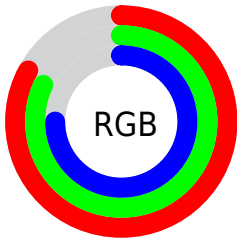
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 211, 192
Decimal	13881536
CIELab	83.32, -1.74, 8.30
CIELCh	83, 8.480, 101.821
Yxy	62.7664, 0.3264, 0.3476
Android (android.graphics.Color)	4292071616 (0xFFD3D0C0)
YUV	207.0730, -7.4310, 3.4440
Hunter-Lab	79.2252, -5.8611, 11.3949

# Details

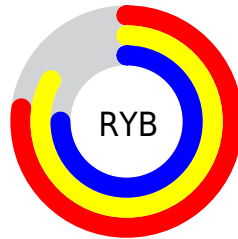
The XYZ color **58.9343, 62.7664, 58.8781** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0112, 54.9390, 69.4391**, and the grayscale version is **59.3999, 62.4933, 68.0552**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **29.9261, 32.0432, 29.0338** is the 20% darker color. If you saturate the color by 10%, you get **55.9599, 60.2943, 47.1674**, and if you desaturate by 10%, it is **62.2644, 65.4122, 72.3626**.

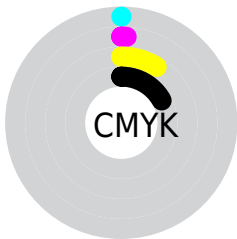
# Distribution



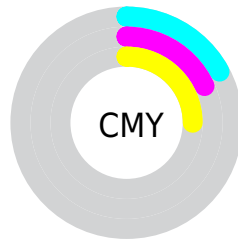
- Red (83%)
- Green (82%)
- Blue (75%)



- Red (77%)
- Yellow (83%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9343, 62.7664, 58.8781 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 58.9343, 62.7664, 58.8781 by changing the saturation by 10% instead.



■ 58.9343, 62.7664,  
58.8781

■ 58.9343, 62.7664,  
58.8781

410.5564,  
434.7212, 438.1393

■ 42.8064, 45.6523,  
42.0956

■ 102.3973,  
108.8324, 104.7279

■ 29.9271, 31.9715,  
28.8501

130.4632,  
138.5531, 134.6322

■ 19.9311, 21.3397,  
18.7228

163.2391,  
173.2447, 169.7476

■ 12.4529, 13.3726,  
11.2954

201.0903,  
213.2917, 210.4926

■ 7.1273, 7.6856,  
6.1492

244.3824,  
259.0785, 257.2858

■ 3.5889, 3.8944,  
2.8658

293.4805,

■ 1.4723, 1.6147,

310.9894, 310.5456

1.0265

348.7500,  
369.4088, 370.6906

■ 0.3069, 0.3675,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.9343, 62.7664,  
58.8781

■ 58.9343, 62.7664,  
58.8781

■ 55.9599, 60.2943,  
47.1674

■ 62.2644, 65.4122,  
72.3626

■ 53.3218, 57.9816,  
37.1516

■ 65.9584, 68.2289,  
87.6871

■ 51.0063, 55.8250,  
28.7519

■ 69.9823, 71.2050,  
104.6632

■ 48.9970, 53.8175,  
21.8817

■ 70.8538, 72.9480,  
104.9537

■ 47.2756, 51.9518,  
16.4463

■ 71.7426, 74.7258,  
105.2500

■ 45.8222, 50.2196,  
12.3404

■ 72.6491, 76.5386,  
105.5521

■ 44.6139, 48.6117,  
9.4442

■ 73.5731, 78.3866,  
105.8602

■ 43.6237, 47.1172,  
7.6165

■ 74.5148, 80.2701,  
106.1741

■ 42.8081, 45.7183,  
6.6286

■ 75.4744, 82.1892,  
106.4939

# Harmonies

## Analogous

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



60.7705, 62.7664, 59.1424



58.9343, 62.7664, 58.8781



57.3248, 62.7664, 61.0513

# Triad

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



58.9343, 62.7664, 58.8781



57.0544, 62.7664, 75.3380



63.0896, 62.7664, 71.5588

# Complementary

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



58.9343, 62.7664, 58.8781



53.0112, 54.9390, 69.4391

# 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.



62.0529, 62.7664, 76.1910



58.9343, 62.7664, 58.8781



58.5583, 62.7664, 78.4492

# Square

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



58.9343, 62.7664, 58.8781



56.2544, 62.7664, 70.4430



60.3868, 62.7664, 78.7692



63.1953, 62.7664, 66.2831



# Rectangle

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



58.9343, 62.7664, 58.8781



56.5869, 62.7664, 63.6586



60.3868, 62.7664, 78.7692



62.8374, 62.7664, 73.2495

# Sweetspot

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



58.9360, 62.7691, 58.8795



93.4589, 98.7498, 102.4139



55.5836, 55.4967, 59.5119



19.9149, 21.0659, 21.5591



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.



58.9360, 62.7691, 58.8795



89.4634, 95.5336, 86.3615



57.8945, 63.3269, 59.0420



12.6381, 13.4668, 12.5453



25.8499, 27.6328, 3.9712



1.4890, 1.6324, 0.2366



# Inverse Universe

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



53.0112, 54.9390, 69.4391



78.3933, 80.9037, 106.0920



53.9850, 54.4545, 69.2942



11.3121, 11.7144, 14.9086



7.4773, 3.6012, 37.4935

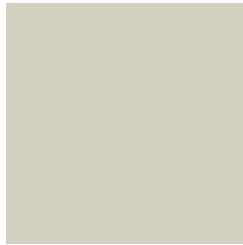


0.4666, 0.2984, 2.1126



# Previews

## White Background



This preview shows how the XYZ color 58.9343, 62.7664, 58.8781 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

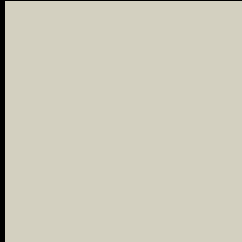
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.9343, 62.7664, 58.8781 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

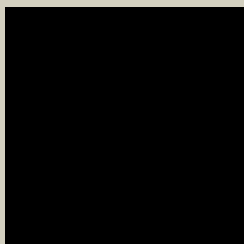
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

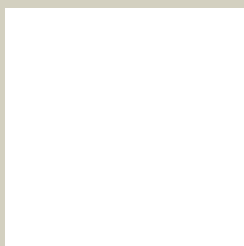
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 58.9343, 62.7664, 58.8781

## Background



This preview shows how black text looks on a background with the XYZ color 58.9343, 62.7664, 58.8781.



This preview shows how white text looks on a background with the XYZ color 58.9343, 62.7664,



# 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

58.9343, 62.7664, 58.8781

### Protanopia

59.7411, 62.8343, 58.2698

### Deuteranopia

63.9962, 62.5272, 59.7349



## Tritanopia

62.5355, 62.8001, 76.5358

# Trichromacy



## Original Color

58.9343, 62.7664, 58.8781

## Protanomaly

59.4483, 62.6834, 58.2561

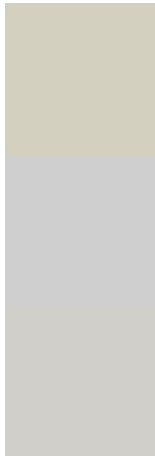
## Deuteranomaly

62.0329, 62.5697, 59.2597

## Tritanomaly

61.1957, 62.6119, 69.8327

# Monochromacy



## Original Color

58.9343, 62.7664, 58.8781

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

58.9859, 62.2998, 64.7933

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.9343, 62.7664, 58.8781 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(211, 208, 192) looks like.

```
.text, #text, p{  
    color:rgb(211, 208, 192)  
}
```

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(211, 208, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 208, 192) }
```

## Border

The CSS property to change the border of an element to XYZ 58.9343, 62.7664, 58.8781 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(211, 208, 192) }
```



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

```
.border{ border-color:rgb(211, 208, 192) }
```

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

Here you see how a box with a 4 pixel rgb(211, 208, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 208, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 208, 192);  
box-shadow:4px 4px 4px 4px rgb(211, 208,  
192) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.9343, 62.7664, 58.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 208, 192) }
```

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

```
.background{ background-color: rgb(211,  
208, 192) }
```

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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