

# Converting Colors

XYZ(59.3552, 62.4574, 61.6520)

Have a look what the booklet for  
XYZ(59.3552, 62.4574, 61.6520)  
contains.

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# Color

**XYZ(59.5422, 62.6539,  
61.7785)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4CFC5
RGB	212, 207, 197
RGB Percent	83%, 81%, 77%
CMY	0.1686, 0.1882, 0.2274
CMYK	0.00, 0.02, 0.07, 0.17
HSL	40°, 15%, 80%
HSV	40°, 7%, 83%
XYZ	59.5422, 62.6539, 61.7785
YIQ	207.3550, 6.1900, -2.0500

# Conversions

## Conversions Part 2

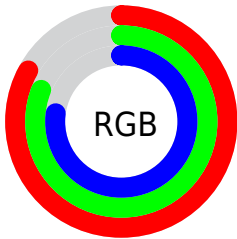
Format	Color
R <sub>Y</sub> B	205, 212, 197
Decimal	13946821
CIE Lab	83.26, -0.02, 5.56
CIE LCh	83, 5.565, 90.208
Yxy	62.6539, 0.3236, 0.3406
Android (android.graphics.Color)	4292136901 (0xFFD4CFC5)
YUV	207.3550, -5.1050, 4.0737
Hunter-Lab	79.1542, -4.2468, 9.1331

# Details

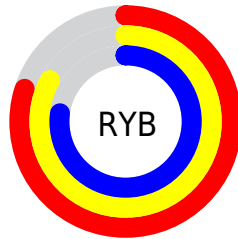
The XYZ color **59.5422, 62.6539, 61.7785** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0300, 58.8638, 70.6967**, and the grayscale version is **59.5676, 62.6698, 68.2474**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **30.2538, 31.9337, 30.5559** is the 20% darker color. If you saturate the color by 10%, you get **55.6098, 58.4067, 49.3140**, and if you desaturate by 10%, it is **63.8962, 67.1963, 76.0705**.

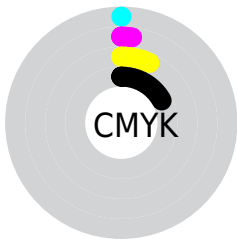
# Distribution



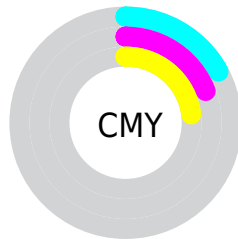
- Red (83%)
- Green (81%)
- Blue (77%)



- Red (80%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5422, 62.6539, 61.7785 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 59.5422, 62.6539, 61.7785 by changing the saturation by 10% instead.



■ 59.5422, 62.6539,  
61.7785

■ 59.5422, 62.6539,  
61.7785

412.7701,  
434.3123, 449.1080

■ 43.2978, 45.5613,  
44.4191

103.2754,  
108.6700, 108.9738

■ 30.3144, 31.8998,  
30.6605

131.4949,  
138.3623, 139.6468

■ 20.2266, 21.2849,  
20.0842

164.4369,  
173.0233, 175.5948

■ 12.6691, 13.3324,  
12.2716

202.4665,  
213.0374, 217.2363

■ 7.2765, 7.6579,  
6.8041

245.9494,  
258.7889, 264.9898

■ 3.6835, 3.8768,  
3.2633

295.2507,

■ 1.5247, 1.6049,

310.6623, 319.2739

1.2306

350.7358,  
369.0420, 380.5071

■ 0.3425, 0.3609,  
0.0039

■ 0.0000, 0.0000,  
0.0000

■ 59.5422, 62.6539,  
61.7785

■ 59.5422, 62.6539,  
61.7785

■ 55.6098, 58.4067,  
49.3140

■ 63.8962, 67.1963,  
76.0705

■ 52.0788, 54.4387,  
38.5980

■ 68.6811, 72.0330,  
92.2567

■ 48.9346, 50.7448,  
29.5515

■ 72.9968, 76.8075,  
105.5857

■ 46.1598, 47.3162,  
22.0881

■ 74.9813, 80.7764,  
106.2472

■ 43.7356, 44.1437,  
16.1132

■ 77.0461, 84.9060,  
106.9355

■ 41.6411, 41.2173,  
11.5225

■ 79.1920, 89.1979,  
107.6508

■ 39.8528, 38.5258,  
8.1975

■ 80.9616, 92.7372,  
108.2407

■ 38.3433, 36.0565,  
6.0001

■ 37.0768, 33.7932,  
4.7466

# Harmonies

## Analogous

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



60.7127, 62.6539, 62.6054



59.5422, 62.6539, 61.7785



58.3891, 62.6539, 62.6283

# Triad

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



59.5422, 62.6539, 61.7785



57.5650, 62.6539, 71.6230



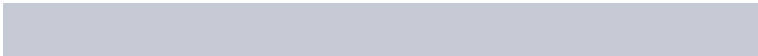
61.5901, 62.6539, 71.5797

# Complementary

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



59.5422, 62.6539, 61.7785



56.0300, 58.8638, 70.6967

# 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.



60.7275, 62.6539, 74.1339



59.5422, 62.6539, 61.7785



58.4036, 62.6539, 74.1595

# Square

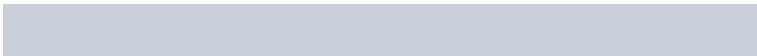
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.5422, 62.6539, 61.7785



57.2570, 62.6539, 68.2437



59.5591, 62.6539, 75.0932



61.9047, 62.6539, 68.1952



# Rectangle

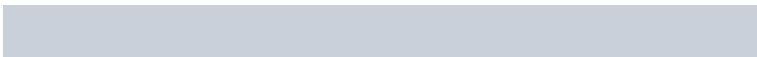
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.5422, 62.6539, 61.7785



57.7829, 62.6539, 64.0483



59.5591, 62.6539, 75.0932



61.3541, 62.6539, 72.5679

# Sweetspot

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



59.5439, 62.6566, 61.7799



93.7001, 98.5969, 104.4529



57.7791, 58.1947, 64.0653



20.0699, 21.1186, 22.4038



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

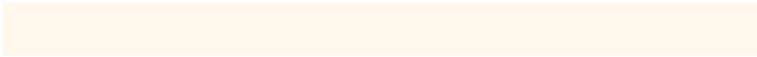


# Same Dimension

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



59.5439, 62.6566, 61.7799



89.8083, 94.4963, 91.8008



60.0584, 64.7472, 62.1563



13.1082, 13.7906, 13.1317



22.7732, 20.6637, 2.7882



1.4482, 1.3956, 0.1930



# Inverse Universe

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



56.0300, 58.8638, 70.6967



83.7512, 87.9585, 107.1713



55.5368, 56.8975, 70.3432



12.0772, 12.6778, 15.7480



8.7947, 5.8513, 39.1190

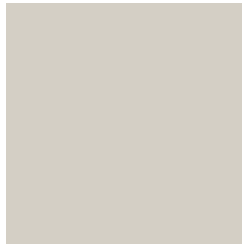


0.6055, 0.5030, 2.3845



# Previews

## White Background



This preview shows how the XYZ color 59.5422, 62.6539, 61.7785 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

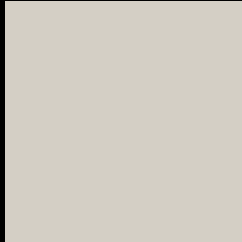
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.5422, 62.6539, 61.7785 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

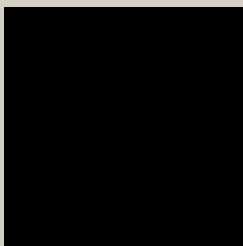
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

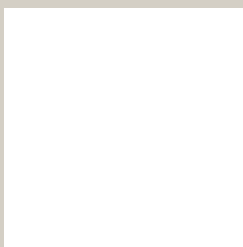
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 59.5422, 62.6539, 61.7785**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.5422, 62.6539, 61.7785.



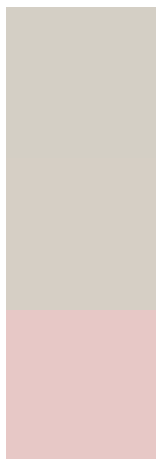
This preview shows how white text looks on a background with the XYZ color 59.5422, 62.6539,

61.7785.

# 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

59.5422, 62.6539, 61.7785

### Protanopia

60.1224, 62.9530, 61.8057

### Deuteranopia

63.8023, 62.3747, 62.1029



## **Tritanopia**

62.5355, 62.8001, 76.5358

# Trichromacy



## Original Color

59.5422, 62.6539, 61.7785

## Protanomaly

59.8314, 62.8030, 61.7921

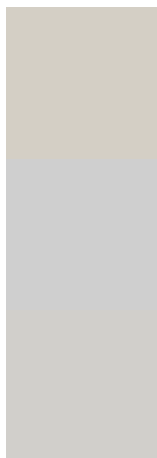
## Deuteranomaly

62.2894, 62.6364, 62.2331

## Tritanomaly

61.4465, 62.7123, 71.1534

# Monochromacy



## Original Color

59.5422, 62.6539, 61.7785

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

59.3868, 62.4928, 65.4322

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.5422, 62.6539, 61.7785 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(212, 207, 197) looks like.

```
.text, #text, p{  
    color:rgb(212, 207, 197)  
}
```

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(212, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 207, 197) }
```

## Border

The CSS property to change the border of an element to XYZ 59.5422, 62.6539, 61.7785 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(212, 207, 197) }
```



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

```
.border{ border-color:rgb(212, 207, 197) }
```

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

Here you see how a box with a 4 pixel rgb(212, 207, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(212, 207,  
197) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.5422, 62.6539, 61.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 207, 197) }
```

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

```
.background{ background-color: rgb(212,  
207, 197) }
```

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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