

# Converting Colors

XYZ(63.9105, 66.0982, 57.5339)

Have a look what the booklet for  
XYZ(63.9105, 66.0982, 57.5339)  
contains.

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# Color

**XYZ(63.9105, 66.0982,  
57.5339)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3D2BD
RGB	227, 210, 189
RGB Percent	89%, 82%, 74%
CMY	0.1098, 0.1764, 0.2588
CMYK	0.00, 0.07, 0.17, 0.11
HSL	33°, 40%, 82%
HSV	33°, 17%, 89%
XYZ	63.9105, 66.0982, 57.5339
YIQ	212.6890, 16.8730, -2.9270

# Conversions

## Conversions Part 2

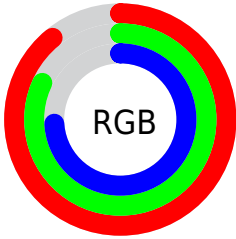
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 227, 189
Decimal	14930621
CIE Lab	85.05, 2.50, 12.53
CIE LCh	85, 12.774, 78.733
Yxy	66.0982, 0.3408, 0.3524
Android (android.graphics.Color)	4293120701 (0xFFE3D2BD)
YUV	212.6890, -11.6787, 12.5507
Hunter-Lab	81.3008, -1.9577, 14.9530

# Details

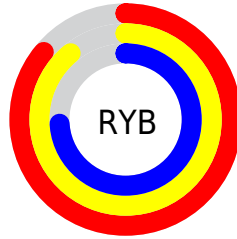
The XYZ color **63.9105, 66.0982, 57.5339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9225, 60.5063, 81.3525**, and the grayscale version is **63.1072, 66.3937, 72.3028**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **33.1270, 34.2124, 28.1502** is the 20% darker color. If you saturate the color by 10%, you get **59.2097, 60.3357, 44.7469**, and if you desaturate by 10%, it is **69.1597, 72.3390, 72.4080**.

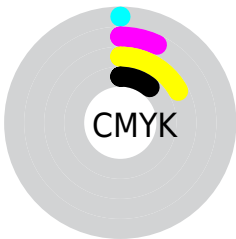
# Distribution



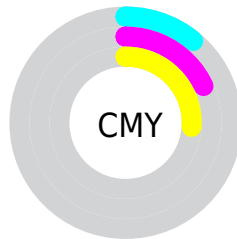
- Red (89%)
- Green (82%)
- Blue (74%)



- Red (86%)
- Yellow (89%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9105, 66.0982, 57.5339 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 63.9105, 66.0982, 57.5339 by changing the saturation by 10% instead.



63.9105, 66.0982,  
57.5339

63.9105, 66.0982,  
57.5339

428.4737,  
446.7280, 432.9965

46.8396, 48.3521,  
41.0218

109.5565,  
113.6273, 102.7519

33.1163, 34.1058,  
28.0163

138.8623,  
144.1790, 132.2948

22.3752, 22.9749,  
18.0988

172.9771,  
179.7682, 167.0185

14.2510, 14.5750,  
10.8508

212.2663,  
220.7791, 207.3414

8.3783, 8.5216,  
5.8537

257.0952,  
267.5961, 253.6822

4.3918, 4.4305,  
2.6890

307.8291,

1.9261, 1.9172,

320.6037, 306.4592

0.9379

364.8335,  
380.1862, 366.0912

■ 0.5919, 0.5587,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 63.9105, 66.0982,  
57.5339

■ 63.9105, 66.0982,  
57.5339

■ 59.2097, 60.3357,  
44.7469

■ 69.1597, 72.3390,  
72.4080

■ 55.0310, 55.0296,  
33.9475

■ 74.9714, 79.0616,  
89.4539

■ 51.3540, 50.1691,  
25.0344

■ 81.0256, 86.1446,  
106.9648

■ 48.1544, 45.7396,  
17.8958

■ 84.1063, 92.3060,  
107.9917

■ 45.4058, 41.7254,  
12.4076

■ 85.4888, 95.0710,  
108.4525

■ 43.0784, 38.1093,  
8.4296

■ 41.1379, 34.8721,  
5.7979

■ 39.5412, 31.9908,  
4.3033

■ 39.0725, 31.1184,  
3.9471

# Harmonies

## Analogous

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



66.5411, 66.0982, 60.7144



63.9105, 66.0982, 57.5339



61.0658, 66.0982, 57.9947

# Triad

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



63.9105, 66.0982, 57.5339



57.7337, 66.0982, 77.1746



67.0714, 66.0982, 82.9240

# Complementary

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



63.9105, 66.0982, 57.5339



56.9225, 60.5063, 81.3525

# 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.



64.6164, 66.0982, 88.0266



63.9105, 66.0982, 57.5339



59.2486, 66.0982, 84.5365

# Square

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



63.9105, 66.0982, 57.5339



57.5578, 66.0982, 68.9209



61.7506, 66.0982, 88.6383



68.4028, 66.0982, 75.1071



# Rectangle

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



63.9105, 66.0982, 57.5339



59.4289, 66.0982, 60.3137



61.7506, 66.0982, 88.6383



66.3468, 66.0982, 85.0383

# Sweetspot

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



63.9123, 66.1011, 57.5353



91.2723, 95.6213, 97.8476



61.0297, 57.1881, 66.2789



19.4256, 20.3379, 20.6234



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

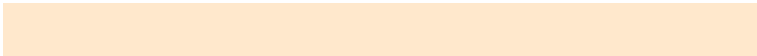


# Same Dimension

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



63.9123, 66.1011, 57.5353



81.0492, 83.4399, 68.9605



67.7376, 74.6366, 58.9812



15.0342, 15.6823, 15.1390



22.9052, 18.3845, 2.3413



1.7850, 1.5434, 0.2038



# Inverse Universe

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



56.9225, 60.5063, 81.3525



70.3690, 74.8917, 105.3544



53.5243, 53.0056, 80.0838



14.1109, 14.9431, 18.2849



10.9428, 8.9477, 43.5335

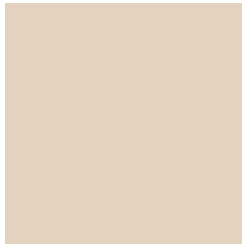


0.9002, 0.8443, 3.2475



# Previews

## White Background



This preview shows how the XYZ color 63.9105, 66.0982, 57.5339 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 63.9105, 66.0982, 57.5339 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

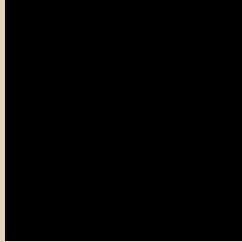
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 63.9105, 66.0982, 57.5339**

## **Background**



This preview shows how black text looks on a background with the XYZ color 63.9105, 66.0982, 57.5339.



This preview shows how white text looks on a background with the XYZ color 63.9105, 66.0982,



# 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

63.9105, 66.0982, 57.5339

### Protanopia

62.9619, 66.3343, 58.2005

### Deuteranopia

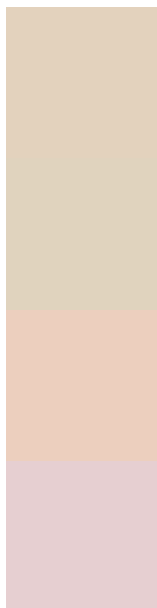
67.4012, 66.0811, 57.9177



## Tritanopia

67.8375, 65.8720, 77.5458

# Trichromacy



## Original Color

63.9105, 66.0982, 57.5339

## Protanomaly

63.3290, 66.1535, 58.1463

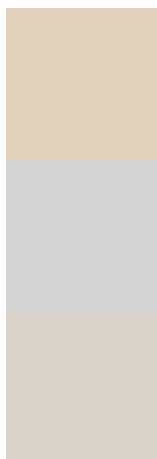
## Deuteranomaly

66.1992, 66.1762, 57.9994

## Tritanomaly

66.4546, 66.0521, 69.5684

# Monochromacy



## Original Color

63.9105, 66.0982, 57.5339

## Achromatopsia

63.2451, 66.5387, 72.4607

## Achromatomaly

63.3560, 66.3520, 66.5947

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 63.9105, 66.0982, 57.5339 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(227, 210, 189)` looks like.

```
.text, #text, p{  
    color:rgb(227, 210, 189)  
}
```

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(227, 210, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 189) }
```

## Border

The CSS property to change the border of an element to XYZ 63.9105, 66.0982, 57.5339 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(227, 210, 189) }
```



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

```
.border{ border-color:rgb(227, 210, 189) }
```

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

Here you see how a box with a 4 pixel rgb(227, 210, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 210, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 210, 189);  
box-shadow:4px 4px 4px 4px rgb(227, 210,  
189) }
```

# Background

The CSS property to change the background color of an element to XYZ 63.9105, 66.0982, 57.5339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 210, 189) }
```

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

```
.background{ background-color: rgb(227,  
210, 189) }
```

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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