

# Converting Colors

XYZ(63.2328, 62.5651, 62.3504)

Have a look what the booklet for  
XYZ(63.2328, 62.5651, 62.3504)  
contains.

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# Color

**XYZ(63.0746, 62.3445,  
62.1354)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E4C9C6
RGB	228, 201, 198
RGB Percent	89%, 79%, 78%
CMY	0.1059, 0.2117, 0.2235
CMYK	0.00, 0.12, 0.13, 0.11
HSL	6°, 36%, 84%
HSV	6°, 13%, 89%
XYZ	63.0746, 62.3445, 62.1354
YIQ	208.7310, 17.0550, 4.7910

# Conversions

## Conversions Part 2

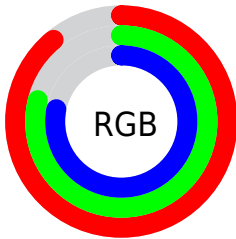
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 201, 198
Decimal	14993862
CIE Lab	83.10, 8.98, 4.96
CIE LCh	83, 10.264, 28.926
Yxy	62.3445, 0.3363, 0.3324
Android (android.graphics.Color)	4293183942 (0xFFE4C9C6)
YUV	208.7310, -5.2904, 16.8989
Hunter-Lab	78.9585, 4.4141, 8.6135

# Details

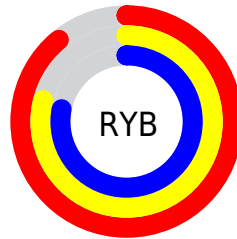
The XYZ color **63.0746, 62.3445, 62.1354** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.2171, 71.4561, 83.8072**, and the grayscale version is **60.4561, 63.6045, 69.2653**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4810, 31.6517, 30.7830** is the 20% darker color. If you saturate the color by 10%, you get **56.1729, 52.4373, 47.8220**, and if you desaturate by 10%, it is **71.0145, 73.6932, 78.7494**.

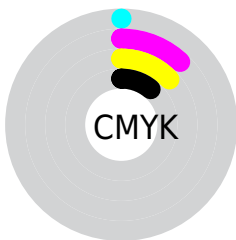
# Distribution



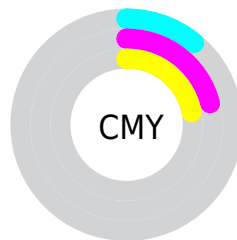
- Red (89%)
- Green (79%)
- Blue (78%)



- Red (89%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0746, 62.3445, 62.1354 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 63.0746, 62.3445, 62.1354 by changing the saturation by 10% instead.



63.0746, 62.3445,  
62.1354

63.0746, 62.3445,  
62.1354

425.4955,  
433.1866, 450.4461

46.1604, 45.3111,  
44.7056

108.3583,  
108.2233, 109.4947

32.5776, 31.7026,  
30.8844

137.4586,  
137.8375, 140.2613

21.9607, 21.1344,  
20.2531

171.3517,  
172.4140, 176.3106

13.9445, 13.2223,  
12.3932

210.4028,  
212.3374, 218.0611

8.1635, 7.5818,  
6.8863

254.9774,  
257.9919, 265.9313

4.2524, 3.8285,  
3.3137

305.4408,

1.8459, 1.5781,

309.7621, 320.3399

1.2570

362.1584,  
368.0322, 381.7053

■ 0.5451, 0.3428,  
0.0261

■ 0.0000, 0.0000,  
0.0000

■ 63.0746, 62.3445,  
62.1354

■ 63.0746, 62.3445,  
62.1354

■ 56.1729, 52.4373,  
47.8220

■ 71.0145, 73.6932,  
78.7494

■ 50.2615, 43.9061,  
35.7040

■ 80.0277, 86.5293,  
97.7551

■ 45.2963, 36.6923,  
25.6740

■ 85.8052, 95.2341,  
108.4673

■ 41.2280, 30.7303,  
17.6137

■ 38.0026, 25.9486,  
11.3933

■ 35.5605, 22.2683,  
6.8673

■ 33.8339, 19.6013,  
3.8680

■ 32.7433, 17.8454,  
2.1935

■ 32.2982, 17.1002,  
1.5984

# Harmonies

## Analogous

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



63.6310, 62.3445, 68.1120



63.0746, 62.3445, 62.1354



61.4889, 62.3445, 57.9339

# Triad

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



63.0746, 62.3445, 62.1354



55.6726, 62.3445, 61.7619



59.1766, 62.3445, 80.8639

# Complementary

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



63.0746, 62.3445, 62.1354



64.2171, 71.4561, 83.8072

# 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.



57.0790, 62.3445, 78.9095



63.0746, 62.3445, 62.1354



55.0873, 62.3445, 67.6536

# Square

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



63.0746, 62.3445, 62.1354



57.2143, 62.3445, 57.7280



55.5958, 62.3445, 73.9736



61.3469, 62.3445, 79.1632



# Rectangle

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



63.0746, 62.3445, 62.1354



60.0808, 62.3445, 56.5702



55.5958, 62.3445, 73.9736



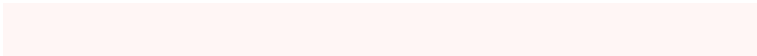
58.4399, 62.3445, 80.6106

# Sweetspot

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



63.0763, 62.3473, 62.1367



90.5924, 93.6433, 99.5264



65.7803, 62.3193, 79.7966



19.2164, 19.7951, 20.9374



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

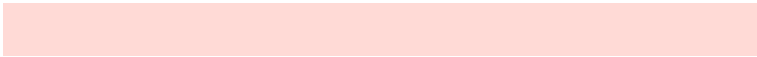


# Same Dimension

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



63.0763, 62.3473, 62.1367



78.5487, 76.4163, 74.3622



66.7445, 69.6837, 63.3595



14.4925, 14.5989, 14.9585



18.6893, 9.9528, 0.9360



1.4207, 0.8147, 0.0824



# Inverse Universe

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



64.2171, 71.4561, 83.8072



80.3104, 90.4871, 107.8407



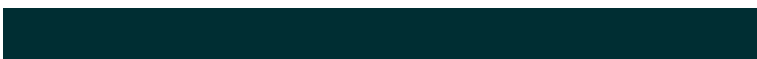
60.3397, 63.7012, 82.5147



14.6777, 16.0767, 18.4739



20.7657, 28.5935, 46.8078

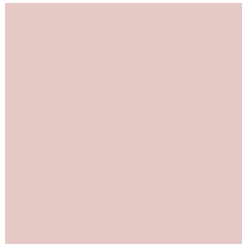


1.5704, 2.1847, 3.4709



# Previews

## White Background



This preview shows how the XYZ color 63.0746, 62.3445, 62.1354 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

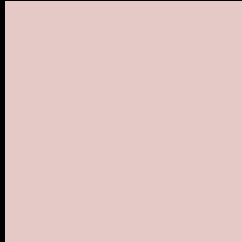
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 63.0746, 62.3445, 62.1354 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

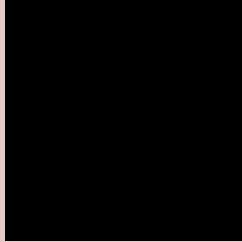
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 63.0746, 62.3445, 62.1354

## Background



This preview shows how black text looks on a background with the XYZ color 63.0746, 62.3445, 62.1354.



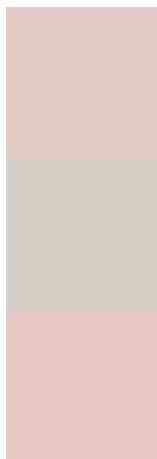
This preview shows how white text looks on a background with the XYZ color 63.0746, 62.3445,



# 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

63.0746, 62.3445, 62.1354

### Protanopia

59.7653, 62.3567, 64.1444

### Deuteranopia

63.4804, 62.2088, 62.0878



## Tritanopia

65.1941, 62.5249, 72.2507

# Trichromacy



## Original Color

63.0746, 62.3445, 62.1354

## Protanomaly

60.9316, 62.2613, 63.4498

## Deuteranomaly

63.1604, 62.0438, 62.0728

## Tritanomaly

64.3525, 62.5206, 68.3505

# Monochromacy



## Original Color

63.0746, 62.3445, 62.1354

## Achromatopsia

60.6036, 63.7597, 69.4343

## Achromatomaly

61.4097, 63.1493, 66.7100

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 63.0746, 62.3445, 62.1354 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(228, 201, 198)` looks like.

```
.text, #text, p{  
    color:rgb(228, 201, 198)  
}
```

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(228, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 201, 198) }
```

## Border

The CSS property to change the border of an element to XYZ 63.0746, 62.3445, 62.1354 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(228, 201, 198) }
```



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

```
.border{ border-color:rgb(228, 201, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 201, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 201, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 201, 198); box-shadow:4px 4px 4px 4px rgb(228, 201, 198) }
```

# Background

The CSS property to change the background color of an element to XYZ 63.0746, 62.3445, 62.1354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 201, 198) }
```

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

```
.background{ background-color: rgb(228,  
201, 198) }
```

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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