

# Converting Colors

XYZ(63.8609, 61.5249, 55.5234)

Have a look what the booklet for  
XYZ(63.8609, 61.5249, 55.5234)  
contains.

<b>XYZ(63.8609, 61.5249, 55.5234)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(63.8609, 61.5249,  
55.5234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDC5BB
RGB	237, 197, 187
RGB Percent	93%, 77%, 73%
CMY	0.0706, 0.2274, 0.2667
CMYK	0.00, 0.17, 0.21, 0.07
HSL	12°, 58%, 83%
HSV	12°, 21%, 93%
XYZ	63.8609, 61.5249, 55.5234
YIQ	207.8200, 27.0500, 5.3700

# Conversions

## Conversions Part 2

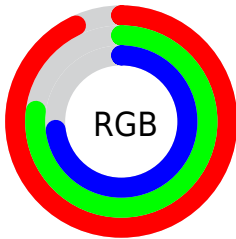
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 200, 187
Decimal	15582651
CIE Lab	82.66, 12.67, 10.32
CIE LCh	83, 16.339, 39.164
Yxy	61.5249, 0.3530, 0.3401
Android (android.graphics.Color)	4293772731 (0xFFEDC5BB)
YUV	207.8200, -10.2643, 25.5909
Hunter-Lab	78.4378, 8.0613, 12.9371

# Details

The XYZ color **63.8609, 61.5249, 55.5234** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.2480, 71.6154, 90.6106**, and the grayscale version is **59.8911, 63.0101, 68.6180**.

A 20% lighter version of the original color is **92.8595, 98.6147, 98.9343**, and **33.1816, 31.1899, 26.8257** is the 20% darker color. If you saturate the color by 10%, you get **57.4930, 52.5197, 41.8992**, and if you desaturate by 10%, it is **71.1922, 71.7859, 71.5359**.

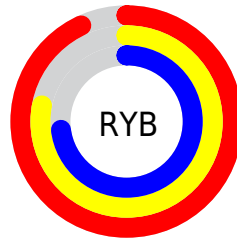
# Distribution



Red (93%)

Green (77%)

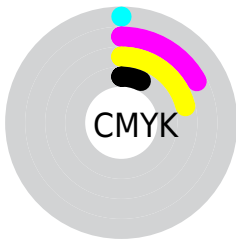
Blue (73%)



Red (93%)

Yellow (78%)

Blue (73%)

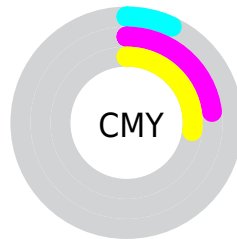


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (7%)



Cyan (7%)

Magenta (23%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8609, 61.5249, 55.5234 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 63.8609, 61.5249, 55.5234 by changing the saturation by 10% instead.




 63.8609, 61.5249,  
55.5234

 63.8609, 61.5249,  
55.5234


428.2973,  
430.1960, 425.2306

 46.7993, 44.6489,  
39.4195


 109.4854,  
107.0386, 99.7862

 33.0843, 31.1810,  
26.7759


138.7791,  
136.4451, 128.7822

 22.3506, 20.7367,  
17.1740

172.8808,  
170.7972, 162.9127

 14.2328, 12.9317,  
10.1954

212.1558,  
210.4793, 202.5961

 8.3655, 7.3815,  
5.4214

256.9697,  
255.8759, 248.2511

 4.3835, 3.7018,  
2.4335

307.6876,

 1.9213, 1.5082,

307.3712, 300.2962

0.8046

364.6751,  
365.3498, 359.1498

■ 0.5892, 0.2945,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 63.8609, 61.5249,  
55.5234

■ 63.8609, 61.5249,  
55.5234

■ 57.4930, 52.5197,  
41.8992

■ 71.1922, 71.7859,  
71.5359

■ 52.0431, 44.7136,  
30.5448

■ 79.5201, 83.3400,  
90.0398

■ 47.4693, 38.0581,  
21.3370

■ 88.3787, 96.0317,  
108.4857

■ 43.7244, 32.4980,  
14.1397

■ 88.7352, 96.7446,  
108.6045

■ 40.7566, 27.9735,  
8.8007

■ 38.5081, 24.4187,  
5.1463

■ 36.9119, 21.7599,  
2.9690

■ 35.9586, 20.0715,  
1.9790

# Harmonies

## Analogous

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



65.3875, 61.5249, 63.9625



63.8609, 61.5249, 55.5234



60.9080, 61.5249, 50.5197

# Triad

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



63.8609, 61.5249, 55.5234



52.4015, 61.5249, 60.3558



59.5577, 61.5249, 87.9121

# Complementary

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



63.8609, 61.5249, 55.5234



63.2480, 71.6154, 90.6106

# 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.



56.1127, 61.5249, 86.6999



63.8609, 61.5249, 55.5234



52.0724, 61.5249, 70.1119

# Square

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



63.8609, 61.5249, 55.5234



54.3232, 61.5249, 53.1100



53.4056, 61.5249, 79.9360



62.8386, 61.5249, 83.0997



# Rectangle

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



63.8609, 61.5249, 55.5234



58.5759, 61.5249, 49.4827



53.4056, 61.5249, 79.9360



58.3793, 61.5249, 88.2053

# Sweetspot

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



63.8626, 61.5277, 55.5247



88.9029, 91.4919, 95.1786



66.5610, 59.0920, 80.5712



18.8913, 19.3921, 20.0666



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

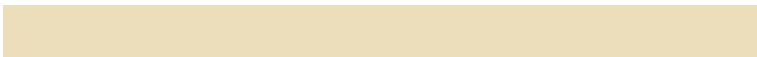
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.8626, 61.5277, 55.5247



72.2658, 68.2211, 58.7938



70.0164, 73.8354, 57.5760



15.3095, 15.5420, 15.7117



19.7055, 11.1053, 1.1049



1.6137, 1.0047, 0.1089

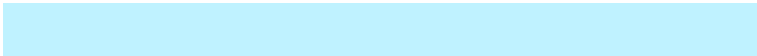


# Inverse Universe

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



63.2480, 71.6154, 90.6106



71.4236, 81.9785, 106.6667



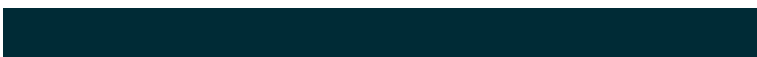
56.9008, 58.9210, 88.4949



15.2468, 16.5800, 19.3189



18.4440, 23.5351, 47.3136



1.5132, 1.9779, 3.7369



# Previews

## White Background



This preview shows how the XYZ color 63.8609, 61.5249, 55.5234 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

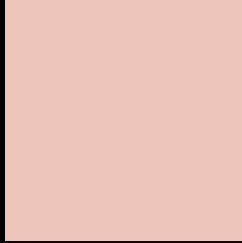
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 63.8609, 61.5249, 55.5234 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

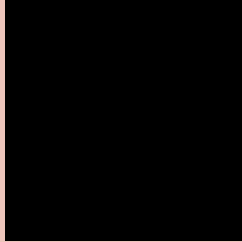
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 63.8609, 61.5249, 55.5234

## Background



This preview shows how black text looks on a background with the XYZ color 63.8609, 61.5249, 55.5234.



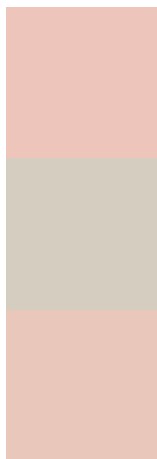
This preview shows how white text looks on a background with the XYZ color 63.8609, 61.5249,

55.5234.

# 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

63.8609, 61.5249, 55.5234

### Protanopia

58.6759, 61.5704, 58.0819

### Deuteranopia

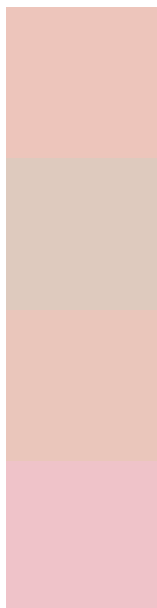
62.9973, 61.7583, 55.6139



## Tritanopia

66.7356, 61.7123, 68.7159

# Trichromacy



## Original Color

63.8609, 61.5249, 55.5234

## Protanomaly

60.5390, 61.4884, 57.3929

## Deuteranomaly

63.0954, 61.4684, 55.5528

## Tritanomaly

65.6543, 61.5980, 63.6876

# Monochromacy



## Original Color

63.8609, 61.5249, 55.5234

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

61.2316, 62.4159, 63.4638

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 63.8609, 61.5249, 55.5234 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(237, 197, 187)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 187)  
}
```

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(237, 197, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 187) }
```

## Border

The CSS property to change the border of an element to XYZ 63.8609, 61.5249, 55.5234 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(237, 197, 187) }
```



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

```
.border{ border-color:rgb(237, 197, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 197, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 197, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 197, 187); box-shadow:4px 4px 4px 4px rgb(237, 197, 187) }
```

# Background

The CSS property to change the background color of an element to XYZ 63.8609, 61.5249, 55.5234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 187) }
```

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

```
.background{ background-color: rgb(237,  
197, 187) }
```

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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