

# Converting Colors

XYZ(61.7060, 56.3605, 62.2700)

Have a look what the booklet for  
XYZ(61.7060, 56.3605, 62.2700)  
contains.

<b>XYZ(61.7060, 56.3605, 62.2700)</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(61.7060, 56.3605,  
62.2700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAB9C8
RGB	234, 185, 200
RGB Percent	92%, 73%, 78%
CMY	0.0823, 0.2745, 0.2157
CMYK	0.00, 0.21, 0.15, 0.08
HSL	342°, 54%, 82%
HSV	342°, 21%, 92%
XYZ	61.7060, 56.3605, 62.2700
YIQ	201.3610, 24.3890, 15.0530

# Conversions

## Conversions Part 2

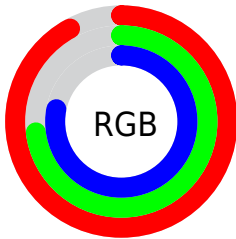
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 185, 200
Decimal	15382984
CIE <sub>Lab</sub>	79.82, 19.93, -0.81
CIE <sub>LCh</sub>	80, 19.951, 357.684
Yxy	56.3605, 0.3422, 0.3125
Android (android.graphics.Color)	4293573064 (0xFFEAB9C8)
YUV	201.3610, -0.6710, 28.6244
Hunter-Lab	75.0736, 15.3374, 3.3733

# Details

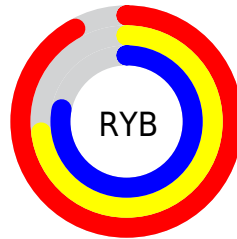
The XYZ color **61.7060, 56.3605, 62.2700** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.2189, 74.2759, 78.0788**, and the grayscale version is **55.7361, 58.6387, 63.8576**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **31.7997, 28.0428, 30.9309** is the 20% darker color. If you saturate the color by 10%, you get **55.4098, 46.6452, 51.3003**, and if you desaturate by 10%, it is **69.0126, 67.7727, 74.5723**.

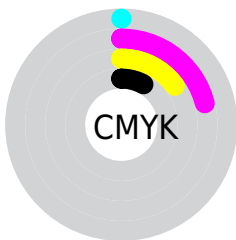
# Distribution



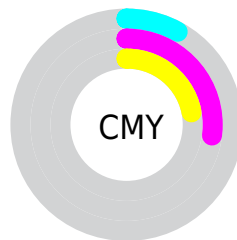
- Red (92%)
- Green (73%)
- Blue (78%)



- Red (92%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7060, 56.3605, 62.2700 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 61.7060, 56.3605, 62.2700 by changing the saturation by 10% instead.



61.7060, 56.3605,  
62.2700

61.7060, 56.3605,  
62.2700

420.5925,  
411.0487, 450.9501

45.0499, 40.4920,  
44.8137

106.3928, 99.5315,  
109.6910

31.6982, 27.9224,  
30.9688

135.1543,  
127.6028, 140.4929

21.2855, 18.2672,  
20.3168

168.6815,  
160.5105, 176.5803

13.4465, 11.1420,  
12.4392

207.3400,  
198.6389, 218.3718

7.8158, 6.1624,  
6.9174

251.4949,  
242.3726, 266.2860

4.0281, 2.9441,  
3.3328

301.5118,

1.7181, 1.1026,

292.0958, 320.7415

1.2670

357.7559,  
348.1931, 382.1566

■ 0.4675, 0.0000,  
0.0345

■ 0.0000, 0.0000,  
0.0000

■ 61.7060, 56.3605,  
62.2700

■ 61.7060, 56.3605,  
62.2700

■ 55.4098, 46.6452,  
51.3003

■ 69.0126, 67.7727,  
74.5723

■ 50.0737, 38.5380,  
41.6136

■ 77.3674, 80.9499,  
88.2473

■ 45.6498, 31.9534,  
33.1620

■ 86.7466, 95.8344,  
103.3162

■ 42.0844, 26.7949,  
25.8934

■ 87.7420, 96.2326,  
108.5580

■ 39.3178, 22.9548,  
19.7516

■ 37.2821, 20.3101,  
14.6749

■ 35.8971, 18.7138,  
10.5949

■ 35.0893, 17.9555,  
7.6823

# Harmonies

## Analogous

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



60.4010, 56.3605, 74.0363



61.7060, 56.3605, 62.2700



60.7415, 56.3605, 51.6067

# Triad

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



61.7060, 56.3605, 62.2700



50.0427, 56.3605, 43.7098



49.5252, 56.3605, 82.1387

# Complementary

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



61.7060, 56.3605, 62.2700



62.2189, 74.2759, 78.0788

# 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.



46.9845, 56.3605, 72.2863



61.7060, 56.3605, 62.2700



47.2726, 56.3605, 50.2324

# Square

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



61.7060, 56.3605, 62.2700



53.8833, 56.3605, 41.7253



46.1807, 56.3605, 60.4728



53.2558, 56.3605, 86.3697



# Rectangle

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



61.7060, 56.3605, 62.2700



58.9670, 56.3605, 46.3517



46.1807, 56.3605, 60.4728



48.5109, 56.3605, 79.3183

# Sweetspot

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



61.7076, 56.3630, 62.2712



88.6992, 89.9586, 98.5818



61.2605, 55.6213, 85.3498



18.8434, 19.0312, 20.8681



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.



61.7076, 56.3630, 62.2712



71.6534, 63.3219, 69.9172



61.9787, 59.5739, 54.1343



15.2553, 15.1300, 16.6296



19.7673, 10.1096, 4.5760



1.5937, 0.8105, 0.5781



# Inverse Universe

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



61.7076, 56.3630, 62.2712



71.6534, 63.3219, 69.9172



61.7905, 70.1159, 88.1196



15.2553, 15.1300, 16.6296



19.7673, 10.1096, 4.5760



1.5937, 0.8105, 0.5781



# Previews

## White Background



This preview shows how the XYZ color 61.7060, 56.3605, 62.2700 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

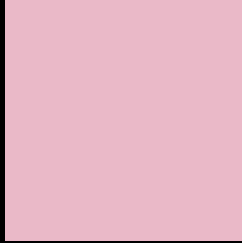
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.7060, 56.3605, 62.2700 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 61.7060, 56.3605, 62.2700

## Background



This preview shows how black text looks on a background with the XYZ color 61.7060, 56.3605, 62.2700.



This preview shows how white text looks on a background with the XYZ color 61.7060, 56.3605,

62.2700.

# 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

61.7060, 56.3605, 62.2700

### Protanopia

54.7819, 56.5796, 67.0651

### Deuteranopia

57.7737, 56.5745, 61.9078



## Tritanopia

61.5894, 56.3139, 61.6564

# Trichromacy



## Original Color

61.7060, 56.3605, 62.2700

## Protanomaly

57.1204, 56.4966, 65.0211

## Deuteranomaly

58.9378, 56.2067, 61.7754

## Tritanomaly

61.5894, 56.3139, 61.6564

# Monochromacy



## Original Color

61.7060, 56.3605, 62.2700

## Achromatopsia

55.5167, 58.4078, 63.6061

## Achromatomaly

57.4983, 57.3934, 63.3059

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.7060, 56.3605, 62.2700 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(234, 185, 200)` looks like.

```
.text, #text, p{  
    color:rgb(234, 185, 200)  
}
```

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(234, 185, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 185, 200) }
```

## Border

The CSS property to change the border of an element to XYZ 61.7060, 56.3605, 62.2700 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(234, 185, 200) }
```



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

```
.border{ border-color:rgb(234, 185, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 185, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 185, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 185, 200);  
box-shadow:4px 4px 4px 4px rgb(234, 185,  
200) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.7060, 56.3605, 62.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 185, 200) }
```

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

```
.background{ background-color: rgb(234,  
185, 200) }
```

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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