

Converting Colors

XYZ(61.9562, 56.6813, 61.7163)

Have a look what the booklet for
XYZ(61.9562, 56.6813, 61.7163)
contains.

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Color

**XYZ(62.1287, 56.9035,
61.7418)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBAC7
RGB	235, 186, 199
RGB Percent	92%, 73%, 78%
CMY	0.0784, 0.2706, 0.2196
CMYK	0.00, 0.21, 0.15, 0.08
HSL	344°, 55%, 83%
HSV	344°, 21%, 92%
XYZ	62.1287, 56.9035, 61.7418
YIQ	202.1330, 25.0310, 14.4310

Conversions

Conversions Part 2

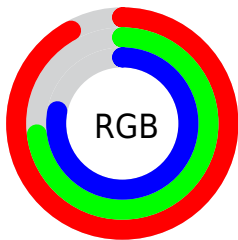
Format	Color
R _Y B	235, 186, 199
Decimal	15448775
CIE Lab	80.13, 19.60, 0.19
CIE LCh	80, 19.599, 0.565
Yxy	56.9035, 0.3437, 0.3148
Android (android.graphics.Color)	4293638855 (0xFFEBBAC7)
YUV	202.1330, -1.5446, 28.8244
Hunter-Lab	75.4344, 15.0046, 4.2762

Details

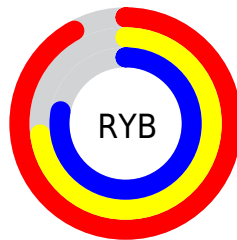
The XYZ color **62.1287, 56.9035, 61.7418** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.1452, 75.1312, 80.2846**, and the grayscale version is **56.2218, 59.1497, 64.4140**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **32.0888, 28.4031, 30.5791** is the 20% darker color. If you saturate the color by 10%, you get **55.6869, 47.0479, 50.2584**, and if you desaturate by 10%, it is **69.6154, 68.4835, 74.6972**.

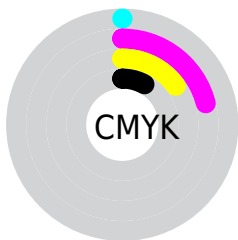
Distribution



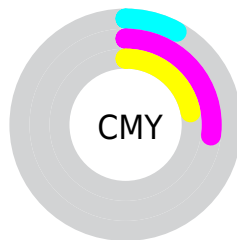
- Red (92%)
- Green (73%)
- Blue (78%)



- 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 62.1287, 56.9035, 61.7418 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 62.1287, 56.9035, 61.7418 by changing the saturation by 10% instead.


 62.1287, 56.9035,
61.7418

 62.1287, 56.9035,
61.7418


422.1105,
413.0876, 448.9703

 45.3927, 40.9278,
44.3897


 107.0004,
100.3244, 108.9202

 31.9694, 28.2626,
30.6375


135.8668,
128.5383, 139.5836

 21.4936, 18.5237,
20.0668


169.5074,
161.6004, 175.5212

 13.5998, 11.3267,
12.2591

208.2875,
199.8951, 217.1514

 7.9227, 6.2870,
6.7957

252.5725,
243.8068, 264.8929

 4.0969, 3.0204,
3.2582

302.7278,

 1.7571, 1.1424,

293.7198, 319.1642

1.2279

359.1187,
350.0186, 380.3838

■ 0.4916, 0.0139,
0.0016

■ 0.0000, 0.0000,
0.0000

■ 62.1287, 56.9035,
61.7418

■ 62.1287, 56.9035,
61.7418

■ 55.6869, 47.0479,
50.2584

■ 69.6154, 68.4835,
74.6972

■ 50.2378, 38.8264,
40.1902

■ 78.1864, 81.8572,
89.1713

■ 45.7320, 32.1523,
31.4821

■ 87.4026, 96.1349,
105.0523

■ 42.1137, 26.9275,
24.0738

■ 88.0713, 96.4023,
108.5734

■ 39.3210, 23.0427,
17.9000

■ 37.2836, 20.3730,
12.8895

■ 35.9187, 18.7694,
8.9626

■ 35.1399, 18.0138,
6.2304

Harmonies

Analogous

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



61.0487, 56.9035, 73.4007



62.1287, 56.9035, 61.7418



60.9667, 56.9035, 51.4392

Triad

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



62.1287, 56.9035, 61.7418



50.2752, 56.9035, 44.8930



50.4002, 56.9035, 83.1414

Complementary

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



62.1287, 56.9035, 61.7418



63.1452, 75.1312, 80.2846

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.



47.7418, 56.9035, 73.8217



62.1287, 56.9035, 61.7418



47.6722, 56.9035, 51.7714

Square

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



62.1287, 56.9035, 61.7418



54.0094, 56.9035, 42.4747



46.7675, 56.9035, 62.1752



54.1608, 56.9035, 86.6402

Rectangle

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



62.1287, 56.9035, 61.7418



59.1084, 56.9035, 46.4845



46.7675, 56.9035, 62.1752



49.3547, 56.9035, 80.5332

Sweetspot

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



62.1303, 56.9061, 61.7430



88.6043, 89.9207, 98.0821



62.6601, 56.6378, 86.2276



18.8211, 19.0223, 20.7503



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.



62.1303, 56.9061, 61.7430



71.3302, 63.1927, 68.2152



63.1906, 61.3394, 54.9667



15.2295, 15.1197, 16.4939



19.6017, 10.0434, 3.7042



1.5779, 0.8041, 0.4948

Inverse Universe

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



62.1303, 56.9061, 61.7430



71.3302, 63.1927, 68.2152



61.7865, 69.5178, 88.7598



15.2295, 15.1197, 16.4939



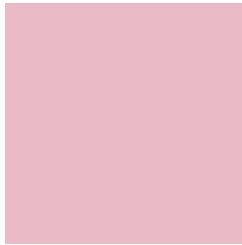
19.6017, 10.0434, 3.7042



1.5779, 0.8041, 0.4948

Previews

White Background



This preview shows how the XYZ color 62.1287, 56.9035, 61.7418 looks on a white background.

Color Contrast Check

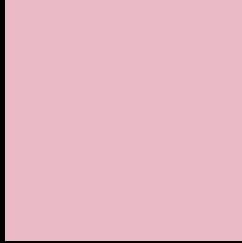
Large Text (above 18pt) WCAG AA × Fail

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 62.1287, 56.9035, 61.7418 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 62.1287, 56.9035, 61.7418

Background



This preview shows how black text looks on a background with the XYZ color 62.1287, 56.9035, 61.7418.



This preview shows how white text looks on a background with the XYZ color 62.1287, 56.9035,

61.7418.

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

62.1287, 56.9035, 61.7418

Protanopia

55.1541, 57.1238, 66.5116

Deuteranopia

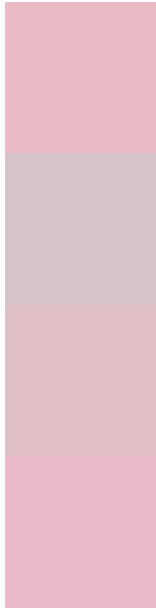
58.1764, 57.1226, 61.3856



Tritanopia

62.2452, 56.9501, 62.3554

Trichromacy



Original Color

62.1287, 56.9035, 61.7418

Protanomaly

57.5119, 57.0415, 64.4788

Deuteranomaly

59.3470, 56.7514, 61.2523

Tritanomaly

62.2452, 56.9501, 62.3554

Monochromacy



Original Color

62.1287, 56.9035, 61.7418

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.0141, 57.9930, 63.3944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1287, 56.9035, 61.7418 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(235, 186, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 186, 199)  
}
```

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(235, 186, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 186, 199) }
```

Border

The CSS property to change the border of an element to XYZ 62.1287, 56.9035, 61.7418 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(235, 186, 199) }
```


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

```
.border{ border-color:rgb(235, 186, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 186, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 186, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 186, 199);  
box-shadow:4px 4px 4px 4px rgb(235, 186,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1287, 56.9035, 61.7418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 186, 199) }
```

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

```
.background{ background-color: rgb(235,  
186, 199) }
```

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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