

Converting Colors

XYZ(62.2605, 57.0112, 59.9979)

Have a look what the booklet for
XYZ(62.2605, 57.0112, 59.9979)
contains.

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Color

**XYZ(62.1148, 56.9362,
59.9405)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBAC4
RGB	236, 186, 196
RGB Percent	93%, 73%, 77%
CMY	0.0745, 0.2706, 0.2314
CMYK	0.00, 0.21, 0.17, 0.07
HSL	348°, 57%, 83%
HSV	348°, 21%, 93%
XYZ	62.1148, 56.9362, 59.9405
YIQ	202.0900, 26.5900, 13.7100

Conversions

Conversions Part 2

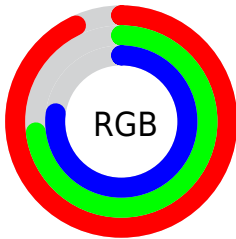
Format	Color
R _Y B	236, 186, 196
Decimal	15514308
CIE Lab	80.14, 19.49, 1.85
CIE LCh	80, 19.574, 5.425
Yxy	56.9362, 0.3470, 0.3181
Android (android.graphics.Color)	4293704388 (0xFFECBAC4)
YUV	202.0900, -3.0024, 29.7391
Hunter-Lab	75.4561, 14.8915, 5.7207

Details

The XYZ color **62.1148, 56.9362, 59.9405** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.9750, 75.9225, 83.2380**, and the grayscale version is **56.2030, 59.1300, 64.3925**.

A 20% lighter version of the original color is **90.7218, 91.8561, 105.8770**, and **32.0924, 28.4314, 29.3875** is the 20% darker color. If you saturate the color by 10%, you get **55.5320, 46.9959, 47.8017**, and if you desaturate by 10%, it is **69.7924, 68.6320, 73.7800**.

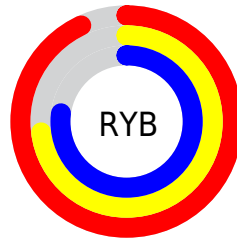
Distribution



Red (93%)

Green (73%)

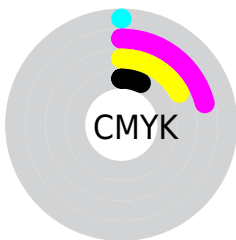
Blue (77%)



Red (93%)

Yellow (73%)

Blue (77%)

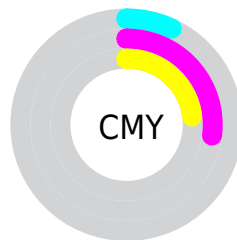


Cyan (0%)

Magenta (21%)

Yellow (17%)

Black (7%)



Cyan (7%)


Magenta (27%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1148, 56.9362, 59.9405 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 62.1148, 56.9362, 59.9405 by changing the saturation by 10% instead.


 62.1148, 56.9362,
59.9405

 62.1148, 56.9362,
59.9405


422.0606,
413.2102, 442.1770

 45.3814, 40.9540,
42.9457

 106.9804,
100.3721, 106.2859

 31.9605, 28.2832,
29.5114


135.8434,
128.5946, 136.4735

 21.4867, 18.5392,
19.2191


169.4803,
161.6660, 171.8959

 13.5947, 11.3378,
11.6503

208.2564,
199.9707, 212.9715

 7.9192, 6.2945,
6.3864

252.5371,
243.8930, 260.1188

 4.0946, 3.0250,
3.0089

302.6878,

 1.7558, 1.1448,

293.8175, 313.7565

1.0992

359.0739,
350.1284, 374.3030

■ 0.4908, 0.0159,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1148, 56.9362,
59.9405

■ 62.1148, 56.9362,
59.9405

■ 55.5320, 46.9959,
47.8017

■ 69.7924, 68.6320,
73.7800

■ 49.9889, 38.7188,
37.2940

■ 78.6070, 82.1544,
89.3791

■ 45.4328, 32.0159,
28.3479

■ 88.0257, 96.4223,
106.6053

■ 41.8044, 26.7867,
20.8877

■ 88.4023, 96.5730,
108.5889

■ 39.0379, 22.9191,
14.8310

■ 37.0584, 20.2848,
10.0874

■ 35.7775, 18.7304,
6.5547

■ 35.1092, 18.0397,
4.3404

Harmonies

Analogous

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



61.3938, 56.9362, 71.5831



62.1148, 56.9362, 59.9405



60.6085, 56.9362, 50.1154

Triad

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



62.1148, 56.9362, 59.9405



49.7918, 56.9362, 45.7646



50.9893, 56.9362, 84.1879

Complementary

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



62.1148, 56.9362, 59.9405



63.9750, 75.9225, 83.2380

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.



48.1048, 56.9362, 75.6150



62.1148, 56.9362, 59.9405



47.4376, 56.9362, 53.3016

Square

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



62.1148, 56.9362, 59.9405



53.3944, 56.9362, 42.6000



46.8354, 56.9362, 64.0936



54.8444, 56.9362, 86.5281

Rectangle

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



62.1148, 56.9362, 59.9405



58.5855, 56.9362, 45.6121



46.8354, 56.9362, 64.0936



49.8801, 56.9362, 81.8920

Sweetspot

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



62.1164, 56.9388, 59.9417



88.4531, 89.8602, 97.2861



64.0651, 57.3454, 87.0497



18.7854, 19.0080, 20.5627



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.



62.1164, 56.9388, 59.9417



70.8239, 62.9902, 65.5495



64.3435, 63.1537, 55.2561



15.1886, 15.1033, 16.2784



19.3892, 9.9584, 2.5852



1.5560, 0.7954, 0.3793

Inverse Universe

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



62.1164, 56.9388, 59.9417



70.8239, 62.9902, 65.5495



61.2486, 68.2101, 89.2952



15.1886, 15.1033, 16.2784



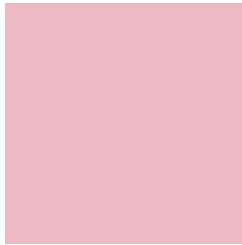
19.3892, 9.9584, 2.5852



1.5560, 0.7954, 0.3793

Previews

White Background



This preview shows how the XYZ color 62.1148, 56.9362, 59.9405 looks on a white background.

Color Contrast Check

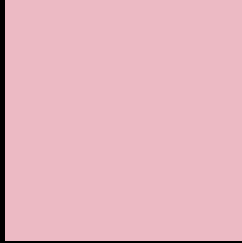
Large Text (above 18pt) WCAG AA × Fail

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 62.1148, 56.9362, 59.9405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

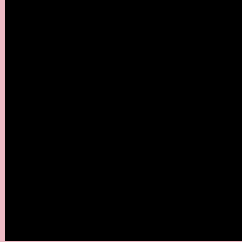
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1148, 56.9362, 59.9405

Background



This preview shows how black text looks on a background with the XYZ color 62.1148, 56.9362, 59.9405.



This preview shows how white text looks on a background with the XYZ color 62.1148, 56.9362,

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

62.1148, 56.9362, 59.9405

Protanopia

55.0610, 57.1175, 64.6227

Deuteranopia

58.4355, 57.2957, 59.6091



Tritanopia

62.3664, 56.7009, 62.3009

Trichromacy



Original Color

62.1148, 56.9362, 59.9405

Protanomaly

57.4487, 57.0498, 62.6274

Deuteranomaly

59.6278, 56.9358, 59.4767

Tritanomaly

62.2498, 56.6543, 61.6873

Monochromacy



Original Color

62.1148, 56.9362, 59.9405

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.8968, 57.9461, 62.7768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1148, 56.9362, 59.9405 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(236, 186, 196)` looks like.

```
.text, #text, p{  
    color:rgb(236, 186, 196)  
}
```

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(236, 186, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 186, 196) }
```

Border

The CSS property to change the border of an element to XYZ 62.1148, 56.9362, 59.9405 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(236, 186, 196) }
```


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

```
.border{ border-color:rgb(236, 186, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 186, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 186, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 186, 196);  
box-shadow:4px 4px 4px 4px rgb(236, 186,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1148, 56.9362, 59.9405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 186, 196) }
```

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

```
.background{ background-color: rgb(236,  
186, 196) }
```

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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