

Converting Colors

XYZ(62.3229, 58.2152, 60.4352)

Have a look what the booklet for
XYZ(62.3229, 58.2152, 60.4352)
contains.

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Color

**XYZ(62.3089, 58.3049,
60.1945)**

Conversions

Conversions Part 1

Format	Color
Hex	EABEC4
RGB	234, 190, 196
RGB Percent	92%, 75%, 77%
CMY	0.0824, 0.2549, 0.2314
CMYK	0.00, 0.19, 0.16, 0.08
HSL	352°, 51%, 83%
HSV	352°, 19%, 92%
XYZ	62.3089, 58.3049, 60.1945
YIQ	203.8400, 24.2980, 11.1940

Conversions

Conversions Part 2

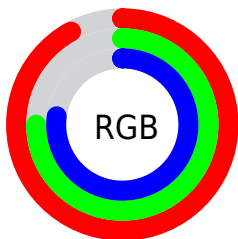
Format	Color
RYB	234, 190, 196
Decimal	15384260
CIELab	80.91, 16.64, 2.94
CIElCh	81, 16.901, 10.009
Yxy	58.3049, 0.3446, 0.3225
Android (android.graphics.Color)	4293574340 (0xFFEABEC4)
YUV	203.8400, -3.8651, 26.4503
Hunter-Lab	76.3576, 12.0326, 6.7107

Details

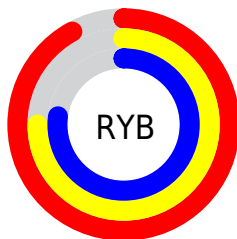
The XYZ color **62.3089, 58.3049, 60.1945** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.6639, 75.3955, 84.5470**, and the grayscale version is **57.3077, 60.2922, 65.6582**.

A 20% lighter version of the original color is **91.9254, 94.2634, 106.2782**, and **32.0467, 29.0263, 29.5048** is the 20% darker color. If you saturate the color by 10%, you get **55.4942, 48.1120, 47.3272**, and if you desaturate by 10%, it is **70.2505, 70.2543, 74.9677**.

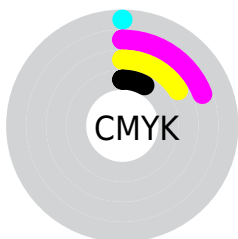
Distribution



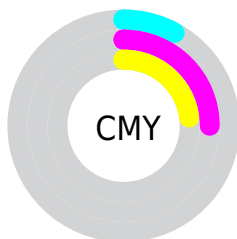
- Red (92%)
- Green (75%)
- Blue (77%)



- Red (92%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3089, 58.3049, 60.1945 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 62.3089, 58.3049, 60.1945 by changing the saturation by 10% instead.


 62.3089, 58.3049,
60.1945

 62.3089, 58.3049,
60.1945


422.7566,
418.3211, 443.1388

 45.5389, 42.0538,
43.1491


 107.2593,
102.3667, 106.6579

 32.0852, 29.1434,
29.6699


136.1703,
130.9463, 136.9130

 21.5824, 19.1894,
19.3382


169.8592,
164.4041, 172.4084

 13.6653, 11.8072,
11.7356

208.6910,
203.1246, 213.5626

 7.9684, 6.6125,
6.4436

253.0314,
247.4921, 260.7942

 4.1264, 3.2210,
3.0435

303.2455,

 1.7739, 1.2482,

297.8911, 314.5218

1.1169

359.6988,
354.7060, 375.1638

■ 0.5018, 0.1005,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3089, 58.3049,
60.1945

■ 62.3089, 58.3049,
60.1945

■ 55.4942, 48.1120,
47.3272

■ 70.2505, 70.2543,
74.9677

■ 49.7504, 39.5853,
36.2845

■ 79.3618, 84.0293,
91.7164

■ 45.0241, 32.6384,
26.9845

■ 87.7418, 96.2325,
108.5580

■ 41.2554, 27.1739,
19.3377

■ 38.3778, 23.0836,
13.2464

■ 36.3166, 20.2445,
8.6026

■ 34.9840, 18.5117,
5.2841

■ 34.2555, 17.6707,
3.1424

■ 34.1910, 17.5962,
2.9529

Harmonies

Analogous

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



61.9819, 58.3049, 70.3008



62.3089, 58.3049, 60.1945



60.7307, 58.3049, 51.8867

Triad

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



62.3089, 58.3049, 60.1945



51.2039, 58.3049, 49.8419



53.1490, 58.3049, 83.3637

Complementary

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



62.3089, 58.3049, 60.1945



64.6639, 75.3955, 84.5470

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.



50.4227, 58.3049, 76.6925



62.3089, 58.3049, 60.1945



49.3330, 58.3049, 57.1230

Square

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



62.3089, 58.3049, 60.1945



54.2562, 58.3049, 46.3395



49.0531, 58.3049, 66.8915



56.5944, 58.3049, 84.4085

Rectangle

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



62.3089, 58.3049, 60.1945



58.8480, 58.3049, 48.2179



49.0531, 58.3049, 66.8915



52.1221, 58.3049, 81.6739

Sweetspot

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



62.3105, 58.3075, 60.1957



88.3066, 89.8016, 96.5144



65.0714, 59.1662, 85.8328



18.7509, 18.9942, 20.3809



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.



62.3105, 58.3075, 60.1957



71.9992, 65.2740, 66.1469



65.1548, 65.0666, 57.8436



15.1490, 15.0875, 16.0702



19.2397, 9.8986, 1.7979



1.5373, 0.7879, 0.2806

Inverse Universe

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



62.3105, 58.3075, 60.1957



71.9992, 65.2740, 66.1469



61.3159, 67.3442, 87.6093



15.1490, 15.0875, 16.0702



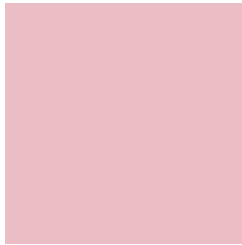
19.2397, 9.8986, 1.7979



1.5373, 0.7879, 0.2806

Previews

White Background



This preview shows how the XYZ color 62.3089, 58.3049, 60.1945 looks on a white background.

Color Contrast Check

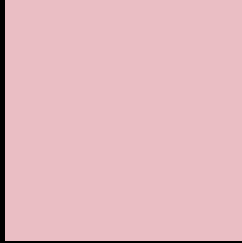
Large Text (above 18pt) WCAG AA × Fail

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 62.3089, 58.3049, 60.1945 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 62.3089, 58.3049, 60.1945

Background



This preview shows how black text looks on a background with the XYZ color 62.3089, 58.3049, 60.1945.



This preview shows how white text looks on a background with the XYZ color 62.3089, 58.3049,

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

62.3089, 58.3049, 60.1945

Protanopia

56.2168, 58.4102, 64.1885

Deuteranopia

59.5735, 58.2117, 59.7259



Tritanopia

63.2380, 58.3692, 64.4333

Trichromacy



Original Color

62.3089, 58.3049, 60.1945

Protanomaly

58.1896, 58.0971, 62.7905

Deuteranomaly

60.5988, 58.4110, 59.7103

Tritanomaly

62.8839, 58.2275, 62.5683

Monochromacy



Original Color

62.3089, 58.3049, 60.1945

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.9904, 59.5110, 63.6360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3089, 58.3049, 60.1945 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, 190, 196)` looks like.

```
.text, #text, p{  
    color:rgb(234, 190, 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(234, 190, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 190, 196) }
```

Border

The CSS property to change the border of an element to XYZ 62.3089, 58.3049, 60.1945 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, 190, 196) }
```


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

```
.border{ border-color:rgb(234, 190, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 190, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 190, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 190, 196);  
box-shadow:4px 4px 4px 4px rgb(234, 190,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3089, 58.3049, 60.1945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 190, 196) }
```

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

```
.background{ background-color: rgb(234,  
190, 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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