

Converting Colors

XYZ(63.2061, 60.7013, 59.0510)

Have a look what the booklet for
XYZ(63.2061, 60.7013, 59.0510)
contains.

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Color

**XYZ(63.2973, 60.8225,
58.8559)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC4C1
RGB	234, 196, 193
RGB Percent	92%, 77%, 76%
CMY	0.0823, 0.2314, 0.2431
CMYK	0.00, 0.16, 0.18, 0.08
HSL	4°, 49%, 84%
HSV	4°, 18%, 92%
XYZ	63.2973, 60.8225, 58.8559
YIQ	207.0200, 23.6110, 7.1230

Conversions

Conversions Part 2

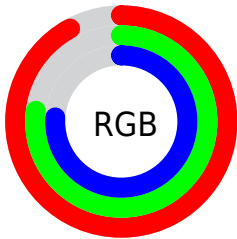
Format	Color
RYB	234, 196, 193
Decimal	15385793
CIELab	82.28, 13.00, 6.53
CIELCh	82, 14.550, 26.684
Yxy	60.8225, 0.3459, 0.3324
Android (android.graphics.Color)	4293575873 (0xFFEAC4C1)
YUV	207.0200, -6.9119, 23.6615
Hunter-Lab	77.9888, 8.3939, 9.8477

Details

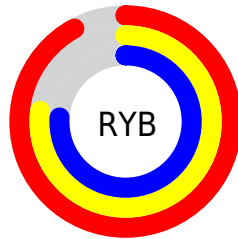
The XYZ color **63.2973, 60.8225, 58.8559** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.4192, 74.4283, 88.7608**, and the grayscale version is **59.3549, 62.4460, 68.0037**.

A 20% lighter version of the original color is **93.4642, 98.3501, 103.6799**, and **32.7667, 30.7044, 29.0105** is the 20% darker color. If you saturate the color by 10%, you get **56.3480, 50.7757, 44.6636**, and if you desaturate by 10%, it is **71.3700, 72.4540, 75.4617**.

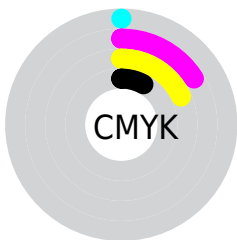
Distribution



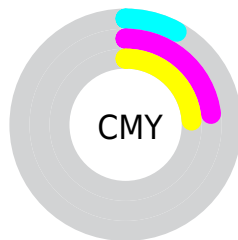
- Red (92%)
- Green (77%)
- Blue (76%)



- Red (92%)
- Yellow (77%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (18%)
- Black (8%)




- Cyan (8%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2973, 60.8225, 58.8559 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 63.2973, 60.8225, 58.8559 by changing the saturation by 10% instead.


 63.2973, 60.8225,
58.8559

 63.2973, 60.8225,
58.8559


426.2902,
427.6229, 438.0547

 46.3413, 44.0819,
42.0779


 108.6777,
106.0219, 104.6953

 32.7210, 30.7349,
28.8363


137.8329,
135.2495, 134.5937

 22.0710, 20.3971,
18.7125


171.7851,
169.4083, 169.7027

 14.0260, 12.6840,
11.2880

210.8998,
208.8825, 210.4407

 8.2206, 7.2113,
6.1443

255.5423,
254.0567, 257.2264

 4.2894, 3.5946,
2.8628

306.0779,

 1.8671, 1.4495,

305.3153, 310.4783

1.0250

362.8721,
363.0425, 370.6149

■ 0.5576, 0.2528,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2973, 60.8225,
58.8559

■ 63.2973, 60.8225,
58.8559

■ 56.3480, 50.7757,
44.6636

■ 71.3700, 72.4540,
75.4617

■ 50.4675, 42.2371,
32.7690

■ 80.6076, 85.7259,
94.5820

■ 45.6041, 35.1365,
23.0521

■ 87.7420, 96.2326,
108.5580

■ 41.7001, 29.3947,
15.3811

■ 38.6917, 24.9247,
9.6093

■ 36.5074, 21.6298,
5.5710

■ 35.0647, 19.3991,
3.0717

■ 34.2607, 18.0992,
1.8543

■ 34.1347, 17.8980,
1.6556

Harmonies

Analogous

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



63.9630, 60.8225, 67.2170



63.2973, 60.8225, 58.8559



61.1438, 60.8225, 52.9678

Triad

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



63.2973, 60.8225, 58.8559



52.9737, 60.8225, 57.2903



57.4661, 60.8225, 84.7582

Complementary

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



63.2973, 60.8225, 58.8559



65.4192, 74.4283, 88.7608

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.



54.5995, 60.8225, 81.5289



63.2973, 60.8225, 58.8559



52.0648, 60.8225, 65.2436

Square

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



63.2973, 60.8225, 58.8559



55.1760, 60.8225, 52.1221



52.6493, 60.8225, 74.1857



60.5265, 60.8225, 82.6675

Rectangle

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



63.2973, 60.8225, 58.8559



59.1928, 60.8225, 50.9728



52.6493, 60.8225, 74.1857



56.4488, 60.8225, 84.2522

Sweetspot

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



63.2990, 60.8252, 58.8572



89.4103, 91.8973, 97.2269



67.4639, 61.4178, 84.0987



18.9741, 19.4348, 20.4729



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.



63.2990, 60.8252, 58.8572



73.7564, 69.3399, 65.0328



68.1738, 70.5749, 60.4821



15.1541, 15.2312, 15.6599



19.2151, 10.1245, 0.9415



1.5399, 0.8571, 0.0843

Inverse Universe

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



65.4192, 74.4283, 88.7608



76.7796, 88.7421, 107.6900



60.0808, 63.7515, 86.9813



15.4177, 16.9219, 19.3759



22.3085, 31.2640, 48.6017



1.7800, 2.5115, 3.8258

Previews

White Background



This preview shows how the XYZ color 63.2973, 60.8225, 58.8559 looks on a white background.

Color Contrast Check

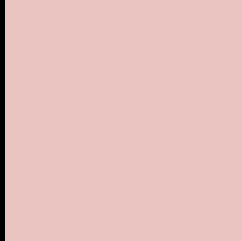
Large Text (above 18pt) WCAG AA × Fail

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 63.2973, 60.8225, 58.8559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

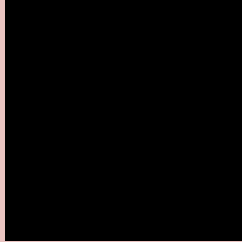
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2973, 60.8225, 58.8559

Background



This preview shows how black text looks on a background with the XYZ color 63.2973, 60.8225, 58.8559.

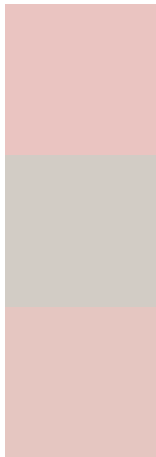


This preview shows how white text looks on a background with the XYZ color 63.2973, 60.8225,

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

63.2973, 60.8225, 58.8559

Protanopia

58.2493, 60.9186, 61.5117

Deuteranopia

62.1328, 60.8964, 58.9315



Tritanopia

65.3925, 61.0199, 68.6531

Trichromacy



Original Color

63.2973, 60.8225, 58.8559

Protanomaly

60.0639, 60.8189, 60.7981

Deuteranomaly

62.5469, 60.7717, 58.8856

Tritanomaly

64.5555, 61.0042, 64.8725

Monochromacy



Original Color

63.2973, 60.8225, 58.8559

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.6319, 61.7279, 64.5961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2973, 60.8225, 58.8559 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, 196, 193)` looks like.

```
.text, #text, p{  
    color:rgb(234, 196, 193)  
}
```

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, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 196, 193) }
```

Border

The CSS property to change the border of an element to XYZ 63.2973, 60.8225, 58.8559 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, 196, 193) }
```


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

```
.border{ border-color:rgb(234, 196, 193) }
```

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

Here you see how a box with a 4 pixel rgb(234, 196, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(234, 196,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2973, 60.8225, 58.8559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 196, 193) }
```

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

```
.background{ background-color: rgb(234,  
196, 193) }
```

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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