

Converting Colors

XYZ(63.3053, 63.0435, 59.1556)

Have a look what the booklet for
XYZ(63.3053, 63.0435, 59.1556)
contains.

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Color

**XYZ(63.3793, 62.9143,
59.2553)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CAC1
RGB	230, 202, 193
RGB Percent	90%, 79%, 76%
CMY	0.0980, 0.2078, 0.2431
CMYK	0.00, 0.12, 0.16, 0.10
HSL	15°, 43%, 83%
HSV	15°, 16%, 90%
XYZ	63.3793, 62.9143, 59.2553
YIQ	209.3460, 19.5770, 3.1370

Conversions

Conversions Part 2

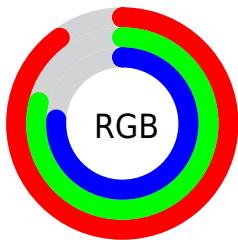
Format	Color
R _Y B	230, 205, 193
Decimal	15125185
CIE Lab	83.40, 8.39, 8.09
CIE LCh	83, 11.651, 43.957
Yxy	62.9143, 0.3416, 0.3391
Android (android.graphics.Color)	4293315265 (0xFFE6CAC1)
YUV	209.3460, -8.0586, 18.1136
Hunter-Lab	79.3185, 3.8226, 11.2301

Details

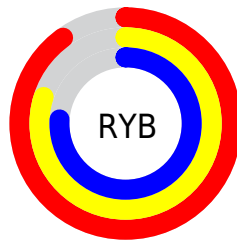
The XYZ color **63.3793, 62.9143, 59.2553** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.1313, 68.7620, 84.8612**, and the grayscale version is **60.8737, 64.0439, 69.7438**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **32.7791, 32.0719, 29.2738** is the 20% darker color. If you saturate the color by 10%, you get **57.1552, 54.2574, 45.4912**, and if you desaturate by 10%, it is **70.4664, 72.6575, 75.2771**.

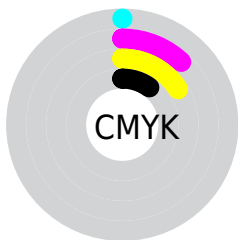
Distribution



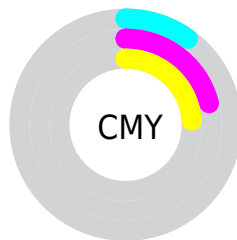
- Red (90%)
- Green (79%)
- Blue (76%)



- Red (90%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (10%)





- Cyan (10%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3793, 62.9143, 59.2553 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 63.3793, 62.9143, 59.2553 by changing the saturation by 10% instead.


 63.3793, 62.9143,
59.2553

 63.3793, 62.9143,
59.2553


426.5826,
435.2584, 439.5756

 46.4079, 45.7719,
42.3973


 108.7953,
109.0459, 105.2814

 32.7738, 32.0658,
29.0846


137.9706,
138.8038, 135.2866

 22.1116, 21.4118,
18.8987


171.9446,
173.5357, 170.5112

 14.0560, 13.4253,
11.4210

211.0827,
213.6259, 211.3739

 8.2416, 7.7221,
6.2331

255.7502,
259.4589, 258.2931

 4.3030, 3.9176,
2.9162

306.3124,

 1.8750, 1.6276,

311.4191, 311.6875

1.0520

363.1347,
369.8908, 371.9754

■ 0.5622, 0.3761,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3793, 62.9143,
59.2553

■ 63.3793, 62.9143,
59.2553

■ 57.1552, 54.2574,
45.4912

■ 70.4664, 72.6575,
75.2771

■ 51.7553, 46.6405,
33.8790

■ 78.4432, 83.5143,
93.6481

■ 47.1455, 40.0264,
24.3102

■ 86.1932, 95.0627,
108.4138

■ 43.2872, 34.3724,
16.6653

■ 86.4434, 95.5631,
108.4972

■ 40.1383, 29.6327,
10.8121

■ 37.6523, 25.7575,
6.6018

■ 35.7764, 22.6920,
3.8609

■ 34.4482, 20.3739,
2.3754

■ 34.0462, 19.6488,
1.9982

Harmonies

Analogous

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



64.6588, 62.9143, 65.1881



63.3793, 62.9143, 59.2553



61.1566, 62.9143, 55.9334

Triad

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



63.3793, 62.9143, 59.2553



55.2310, 62.9143, 64.7137



60.9825, 62.9143, 82.9768

Complementary

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



63.3793, 62.9143, 59.2553



62.1313, 68.7620, 84.8612

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.



58.4600, 62.9143, 82.8273



63.3793, 62.9143, 59.2553



55.1874, 62.9143, 71.9284

Square

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



63.3793, 62.9143, 59.2553



56.4754, 62.9143, 58.9293



56.3545, 62.9143, 78.6660



63.2488, 62.9143, 79.0612

Rectangle

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



63.3793, 62.9143, 59.2553



59.4622, 62.9143, 55.4883



56.3545, 62.9143, 78.6660



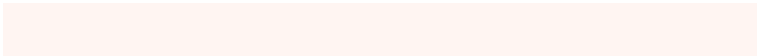
60.1354, 62.9143, 83.4084

Sweetspot

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



63.3810, 62.9171, 59.2566



90.0638, 93.2043, 97.4448



64.8039, 60.2038, 76.8687



19.1323, 19.7513, 20.5256



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.



63.3810, 62.9171, 59.2566



77.6074, 76.0627, 69.3347



67.8876, 71.9304, 60.7588



14.6604, 14.9347, 15.0145



19.3550, 11.2841, 1.1579



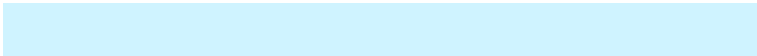
1.5018, 0.9768, 0.1094

Inverse Universe

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



62.1313, 68.7620, 84.8612



75.7698, 84.6472, 106.9528



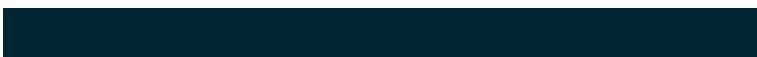
57.6005, 59.7004, 83.3509



14.4947, 15.7109, 18.4129



16.7586, 20.5793, 45.4721



1.3096, 1.6632, 3.3840

Previews

White Background



This preview shows how the XYZ color 63.3793, 62.9143, 59.2553 looks on a white background.

Color Contrast Check

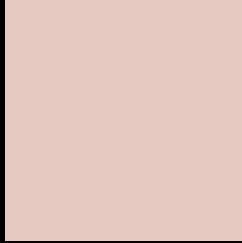
Large Text (above 18pt) WCAG AA × Fail

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 63.3793, 62.9143, 59.2553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

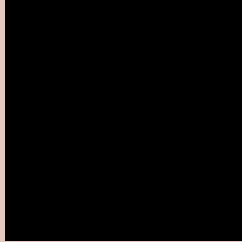
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3793, 62.9143, 59.2553

Background



This preview shows how black text looks on a background with the XYZ color 63.3793, 62.9143, 59.2553.



This preview shows how white text looks on a background with the XYZ color 63.3793, 62.9143,

59.2553.

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

63.3793, 62.9143, 59.2553

Protanopia

60.3010, 63.0582, 61.2178

Deuteranopia

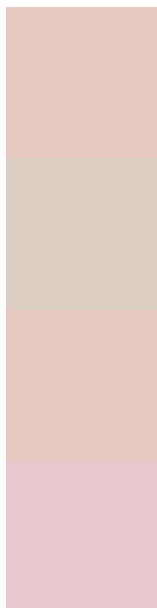
64.1166, 62.9472, 59.2228



Tritanopia

66.1653, 63.0255, 72.2962

Trichromacy



Original Color

63.3793, 62.9143, 59.2553

Protanomaly

61.1968, 62.8184, 60.5295

Deuteranomaly

63.7910, 62.7793, 59.2076

Tritanomaly

65.0736, 62.9206, 67.1077

Monochromacy



Original Color

63.3793, 62.9143, 59.2553

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.4661, 63.2061, 65.4603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3793, 62.9143, 59.2553 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(230, 202, 193)` looks like.

```
.text, #text, p{  
    color:rgb(230, 202, 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(230, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 202, 193) }
```

Border

The CSS property to change the border of an element to XYZ 63.3793, 62.9143, 59.2553 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(230, 202, 193) }
```


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

```
.border{ border-color:rgb(230, 202, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 202, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 202, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 202, 193);  
box-shadow:4px 4px 4px 4px rgb(230, 202,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3793, 62.9143, 59.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 202, 193) }
```

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

```
.background{ background-color: rgb(230,  
202, 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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