

Converting Colors

XYZ(63.1152, 58.2297, 62.7623)

Have a look what the booklet for
XYZ(63.1152, 58.2297, 62.7623)
contains.

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Color

**XYZ(63.2150, 58.3982,
62.5838)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBDC8
RGB	236, 189, 200
RGB Percent	93%, 74%, 78%
CMY	0.0745, 0.2588, 0.2157
CMYK	0.00, 0.20, 0.15, 0.07
HSL	346°, 55%, 83%
HSV	346°, 20%, 93%
XYZ	63.2150, 58.3982, 62.5838
YIQ	204.3070, 24.4810, 13.3850

Conversions

Conversions Part 2

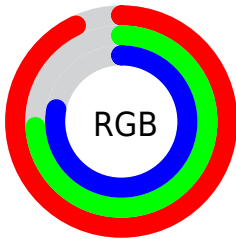
Format	Color
R _Y B	236, 189, 200
Decimal	15515080
CIE Lab	80.96, 18.52, 0.88
CIE LCh	81, 18.537, 2.729
Yxy	58.3982, 0.3432, 0.3170
Android (android.graphics.Color)	4293705160 (0xFFECBDC8)
YUV	204.3070, -2.1234, 27.7948
Hunter-Lab	76.4187, 13.9258, 4.9370

Details

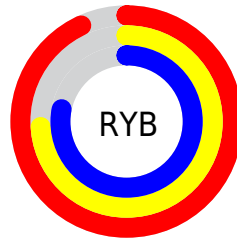
The XYZ color **63.2150, 58.3982, 62.5838** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5747, 76.2474, 82.5516**, and the grayscale version is **57.5922, 60.5915, 65.9841**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **32.6747, 29.1066, 31.0901** is the 20% darker color. If you saturate the color by 10%, you get **56.5563, 48.2640, 50.5494**, and if you desaturate by 10%, it is **70.9529, 70.2895, 76.2119**.

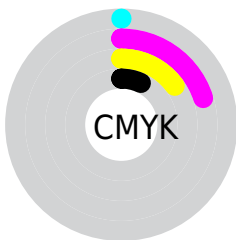
Distribution



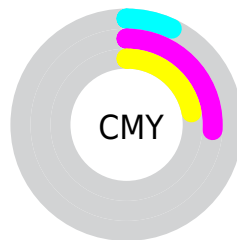
- Red (93%)
- Green (74%)
- Blue (78%)



- Red (93%)
- Yellow (74%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (7%)





- Cyan (7%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2150, 58.3982, 62.5838 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 63.2150, 58.3982, 62.5838 by changing the saturation by 10% instead.


 63.2150, 58.3982,
62.5838

 63.2150, 58.3982,
62.5838


425.9966,
418.6681, 452.1237

 46.2745, 42.1289,
45.0658


 108.5597,
102.5025, 110.1486

 32.6680, 29.2022,
31.1659


137.6946,
131.1063, 141.0325

 22.0302, 19.2338,
20.4657

171.6249,
164.5903, 177.2086

 13.9959, 11.8394,
12.5466

210.7162,
203.3389, 219.0957

 8.1995, 6.6344,
6.9900

255.3336,
247.7367, 267.1122

 4.2757, 3.2345,
3.3775


305.8426,


 1.8593, 1.2554,


298.1678, 321.6767


1.2905


362.6085,
355.0168, 383.2077


 0.5530, 0.1062,
0.0540


 0.0000, 0.0000,
0.0000


 63.2150, 58.3982,
62.5838


 63.2150, 58.3982,
62.5838


 56.5563, 48.2640,
50.5494


 70.9529, 70.2895,
76.2119


 50.9233, 39.7959,
40.0460

 79.8104, 84.0078,
91.4859

 46.2652, 32.9064,
31.0121

 88.2796, 96.5239,
107.9425

 42.5249, 27.4968,
23.3808

 88.4023, 96.5730,
108.5889

■ 39.6392, 23.4575,
17.0793

■ 37.5365, 20.6631,
12.0282

■ 36.1327, 18.9653,
8.1387

■ 35.2932, 18.1169,
5.2985

■ 35.2872, 18.1109,
5.2778

Harmonies

Analogous

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



62.3330, 58.3982, 73.7786



63.2150, 58.3982, 62.5838



61.9538, 58.3982, 52.8210

Triad

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



63.2150, 58.3982, 62.5838



51.6074, 58.3982, 47.3995



52.1898, 58.3982, 84.3015

Complementary

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



63.2150, 58.3982, 62.5838



64.5747, 76.2474, 82.5516

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.



49.5214, 58.3982, 75.7218



63.2150, 58.3982, 62.5838



49.1962, 58.3982, 54.3777

Square

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



63.2150, 58.3982, 62.5838



55.1548, 58.3982, 44.7108



48.4502, 58.3982, 64.5983



55.8582, 58.3982, 87.1412

Rectangle

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



63.2150, 58.3982, 62.5838



60.0998, 58.3982, 48.1944



48.4502, 58.3982, 64.5983



51.1520, 58.3982, 81.9478

Sweetspot

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



63.2166, 58.4008, 62.5850



88.5318, 89.8917, 97.7004



64.1579, 58.3414, 87.2370



18.8040, 19.0155, 20.6603



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.



63.2166, 58.4008, 62.5850



71.8871, 64.3145, 68.3765



64.6077, 63.1663, 56.9345



15.2099, 15.1118, 16.3905



19.4922, 9.9996, 3.1273



1.5669, 0.7997, 0.4368

Inverse Universe

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



63.2166, 58.4008, 62.5850



71.8871, 64.3145, 68.3765



62.8516, 70.3226, 89.6185



15.2099, 15.1118, 16.3905



19.4922, 9.9996, 3.1273



1.5669, 0.7997, 0.4368

Previews

White Background



This preview shows how the XYZ color 63.2150, 58.3982, 62.5838 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 63.2150, 58.3982, 62.5838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

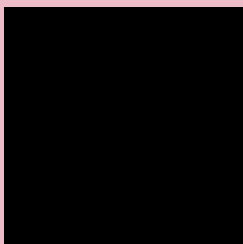
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2150, 58.3982, 62.5838

Background



This preview shows how black text looks on a background with the XYZ color 63.2150, 58.3982, 62.5838.



This preview shows how white text looks on a background with the XYZ color 63.2150, 58.3982,

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

63.2150, 58.3982, 62.5838

Protanopia

56.4235, 58.4613, 66.7028

Deuteranopia

59.6427, 58.5259, 62.1859



Tritanopia

63.5692, 58.5399, 64.4488

Trichromacy



Original Color

63.2150, 58.3982, 62.5838

Protanomaly

58.6633, 58.2866, 65.2853

Deuteranomaly

60.7428, 58.4322, 62.1099

Tritanomaly

63.4503, 58.4923, 63.8231

Monochromacy



Original Color

63.2150, 58.3982, 62.5838

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.5218, 59.7576, 64.8971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2150, 58.3982, 62.5838 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, 189, 200)` looks like.

```
.text, #text, p{  
    color:rgb(236, 189, 200)  
}
```

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, 189, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 189, 200) }
```

Border

The CSS property to change the border of an element to XYZ 63.2150, 58.3982, 62.5838 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, 189, 200) }
```


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

```
.border{ border-color:rgb(236, 189, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 189, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 189, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 189, 200);  
box-shadow:4px 4px 4px 4px rgb(236, 189,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2150, 58.3982, 62.5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 189, 200) }
```

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

```
.background{ background-color: rgb(236,  
189, 200) }
```

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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