

Converting Colors

XYZ(63.9610, 62.1676, 58.0630)

Have a look what the booklet for
XYZ(63.9610, 62.1676, 58.0630)
contains.

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Color

**XYZ(64.0883, 62.2706,
57.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC7BF
RGB	235, 199, 191
RGB Percent	92%, 78%, 75%
CMY	0.0784, 0.2196, 0.2510
CMYK	0.00, 0.15, 0.19, 0.08
HSL	11°, 52%, 84%
HSV	11°, 19%, 92%
XYZ	64.0883, 62.2706, 57.9318
YIQ	208.8520, 24.0240, 5.1440

Conversions

Conversions Part 2

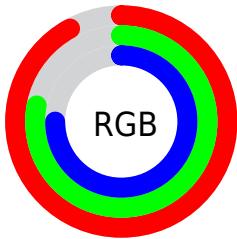
Format	Color
R _Y B	235, 201, 191
Decimal	15452095
CIE Lab	83.06, 11.48, 8.73
CIE LCh	83, 14.417, 37.246
Yxy	62.2706, 0.3478, 0.3379
Android (android.graphics.Color)	4293642175 (0xFFEBC7BF)
YUV	208.8520, -8.8010, 22.9318
Hunter-Lab	78.9117, 6.8736, 11.7114

Details

The XYZ color **64.0883, 62.2706, 57.9318** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.9497, 72.0108, 89.1266**, and the grayscale version is **60.5538, 63.7074, 69.3773**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **33.3032, 31.6695, 28.4023** is the 20% darker color. If you saturate the color by 10%, you get **57.5597, 53.0250, 44.0038**, and if you desaturate by 10%, it is **71.5941, 72.8055, 74.2341**.

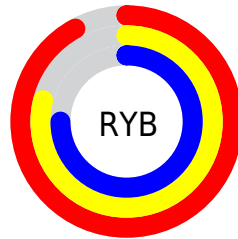
Distribution



Red (92%)

Green (78%)

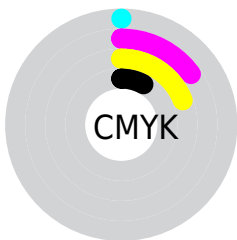
Blue (75%)



Red (92%)

Yellow (79%)

Blue (75%)

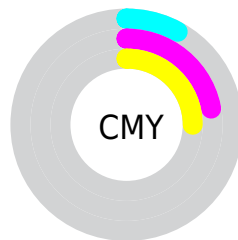


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (8%)



Cyan (8%)


Magenta (22%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0883, 62.2706, 57.9318 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 64.0883, 62.2706, 57.9318 by changing the saturation by 10% instead.


 64.0883, 62.2706,
57.9318

 64.0883, 62.2706,
57.9318


429.1056,
432.9175, 434.5229

 46.9841, 45.2514,
41.3395


 109.8111,
108.1165, 103.3373

 33.2310, 31.6555,
28.2627


139.1605,
137.7120, 132.9876

 22.4636, 21.0985,
18.2831

173.3223,
172.2684, 167.8277

 14.3164, 13.1960,
10.9819

212.6619,
212.1701, 208.2760

 8.4242, 7.5637,
5.9406

257.5447,
257.8014, 254.7511

 4.4217, 3.8170,
2.7408

308.3360,

 1.9433, 1.5718,

309.5468, 307.6716

0.9639

365.4012,
367.7907, 367.4561

■ 0.6018, 0.3384,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0883, 62.2706,
57.9318

■ 64.0883, 62.2706,
57.9318

■ 57.5597, 53.0250,
44.0038

■ 71.5941, 72.8055,
74.2341

■ 51.9627, 45.0107,
32.3353

■ 80.1102, 84.6679,
93.0104

■ 47.2556, 38.1781,
22.8077

■ 88.0711, 96.4023,
108.5734

■ 43.3914, 32.4705,
15.2900

■ 40.3189, 27.8269,
9.6369

■ 37.9806, 24.1800,
5.6831

■ 36.3110, 21.4547,
3.2343

■ 35.2238, 19.5614,
2.0054

■ 35.1160, 19.3720,
1.8884

Harmonies

Analogous

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



65.3352, 62.2706, 65.6593



64.0883, 62.2706, 57.9318



61.5356, 62.2706, 53.1687

Triad

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



64.0883, 62.2706, 57.9318



53.8279, 62.2706, 61.3757



59.9458, 62.2706, 86.3013

Complementary

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



64.0883, 62.2706, 57.9318



63.9497, 72.0108, 89.1266

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.



56.8977, 62.2706, 84.9007



64.0883, 62.2706, 57.9318



53.4359, 62.2706, 69.9911

Square

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



64.0883, 62.2706, 57.9318



55.6313, 62.2706, 55.0318



54.5409, 62.2706, 78.7343



62.8897, 62.2706, 82.4093

Rectangle

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



64.0883, 62.2706, 57.9318



59.4748, 62.2706, 52.0571



54.5409, 62.2706, 78.7343



58.8988, 62.2706, 86.4392

Sweetspot

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



64.0900, 62.2734, 57.9331



88.8198, 91.3259, 95.1510



66.8497, 60.5075, 81.3126



18.8717, 19.3530, 20.0601



0.0000, 0.0000, 0.0000



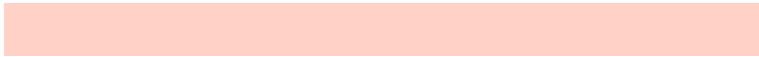
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0900, 62.2734, 57.9331



74.3636, 71.0317, 63.7631



69.3462, 72.7859, 59.6852



15.2871, 15.4972, 15.7043



19.6099, 10.9140, 1.0731



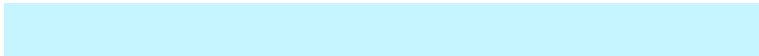
1.6030, 0.9834, 0.1053

Inverse Universe

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



63.9497, 72.0108, 89.1266



74.1668, 84.5288, 107.0144



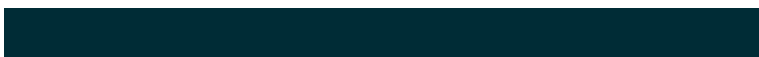
58.4731, 61.0576, 87.3011



15.2711, 16.6287, 19.3270



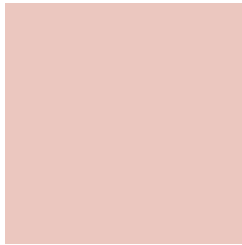
18.9533, 24.5536, 47.4833



1.5489, 2.0492, 3.7488

Previews

White Background



This preview shows how the XYZ color 64.0883, 62.2706, 57.9318 looks on a white background.

Color Contrast Check

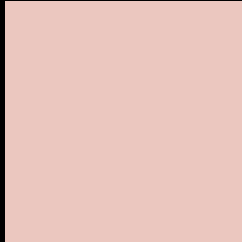
Large Text (above 18pt) WCAG AA × Fail

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 64.0883, 62.2706, 57.9318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

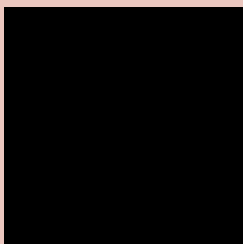
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0883, 62.2706, 57.9318

Background



This preview shows how black text looks on a background with the XYZ color 64.0883, 62.2706, 57.9318.



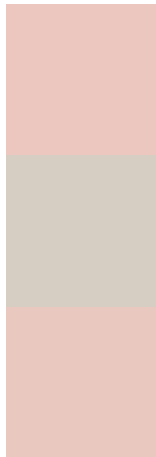
This preview shows how white text looks on a background with the XYZ color 64.0883, 62.2706,

57.9318.

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

64.0883, 62.2706, 57.9318

Protanopia

59.6532, 62.3789, 60.5260

Deuteranopia

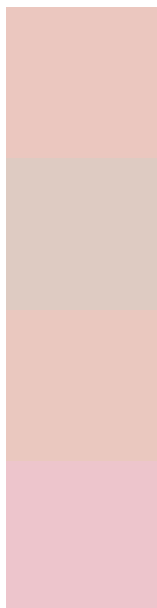
63.6625, 62.3938, 57.9780



Tritanopia

66.7577, 62.3601, 70.1462

Trichromacy



Original Color

64.0883, 62.2706, 57.9318

Protanomaly

61.2177, 62.1365, 59.8060

Deuteranomaly

63.9899, 62.5626, 57.9934

Tritanomaly

65.7904, 62.2967, 65.6837

Monochromacy



Original Color

64.0883, 62.2706, 57.9318

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.4054, 62.8323, 64.7686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0883, 62.2706, 57.9318 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(235, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(235, 199, 191)  
}
```

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(235, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 199, 191) }
```

Border

The CSS property to change the border of an element to XYZ 64.0883, 62.2706, 57.9318 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(235, 199, 191) }
```


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

```
.border{ border-color:rgb(235, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(235, 199,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0883, 62.2706, 57.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 199, 191) }
```

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

```
.background{ background-color: rgb(235,  
199, 191) }
```

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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