

Converting Colors

XYZ(64.3764, 62.7777, 57.4930)

Have a look what the booklet for
XYZ(64.3764, 62.7777, 57.4930)
contains.

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Color

**XYZ(64.2095, 62.6884,
57.4311)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC8BE
RGB	235, 200, 190
RGB Percent	92%, 78%, 75%
CMY	0.0784, 0.2157, 0.2549
CMYK	0.00, 0.15, 0.19, 0.08
HSL	13°, 53%, 83%
HSV	13°, 19%, 92%
XYZ	64.2095, 62.6884, 57.4311
YIQ	209.3250, 24.0700, 4.3100

Conversions

Conversions Part 2

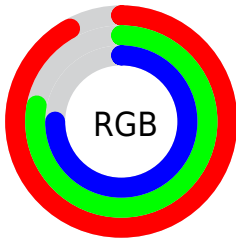
Format	Color
R _Y B	235, 203, 190
Decimal	15452350
CIE Lab	83.28, 10.80, 9.58
CIE LCh	83, 14.433, 41.560
Yxy	62.6884, 0.3483, 0.3401
Android (android.graphics.Color)	4293642430 (0xFFEBC8BE)
YUV	209.3250, -9.5272, 22.5170
Hunter-Lab	79.1760, 6.2004, 12.4166

Details

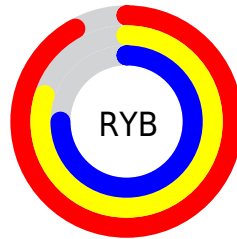
The XYZ color **64.2095, 62.6884, 57.4311** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.1554, 70.7941, 88.9338**, and the grayscale version is **60.8672, 64.0370, 69.7363**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **33.3846, 31.9476, 28.0739** is the 20% darker color. If you saturate the color by 10%, you get **57.8629, 53.7793, 43.6488**, and if you desaturate by 10%, it is **71.4796, 72.7807, 73.5658**.

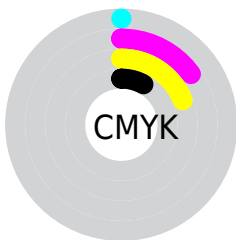
Distribution



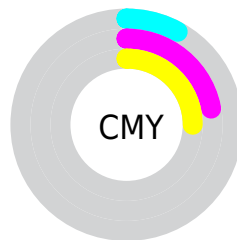
- Red (92%)
- Green (78%)
- Blue (75%)



- Red (92%)
- Yellow (80%)
- 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 64.2095, 62.6884, 57.4311 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 64.2095, 62.6884, 57.4311 by changing the saturation by 10% instead.


 64.2095, 62.6884,
57.4311

 64.2095, 62.6884,
57.4311


429.5360,
434.4377, 432.6016

 47.0827, 45.5892,
40.9398


 109.9846,
108.7198, 102.6005

 33.3093, 31.9218,
27.9527

139.3637,
138.4209, 132.1157

 22.5238, 21.3017,
18.0513

173.5575,
173.0912, 166.8093

 14.3611, 13.3447,
10.8170

212.9315,
213.1154, 207.0998

 8.4556, 7.6664,
5.8313

257.8510,
258.8777, 253.4057

 4.4421, 3.8822,
2.6756

308.6813,

 1.9551, 1.6079,

310.7627, 306.1456

0.9311

365.7879,
369.1545, 365.7381

■ 0.6086, 0.3629,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.2095, 62.6884,
57.4311

■ 64.2095, 62.6884,
57.4311

■ 57.8629, 53.7793,
43.6488

■ 71.4796, 72.7807,
73.5658

■ 52.3973, 46.0016,
32.1047

■ 79.7035, 84.0889,
92.1520

■ 47.7739, 39.3118,
22.6810

■ 88.0177, 96.2954,
108.5556

■ 43.9494, 33.6606,
15.2474

■ 88.0712, 96.4023,
108.5734

■ 40.8763, 28.9947,
9.6591

■ 38.5015, 25.2559,
5.7515

■ 36.7644, 22.3793,
3.3302

■ 35.5821, 20.2865,
2.0978

■ 35.5001, 20.1402,
2.0164

Harmonies

Analogous

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



65.6875, 62.6884, 64.8550



64.2095, 62.6884, 57.4311



61.5109, 62.6884, 53.1523

Triad

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



64.2095, 62.6884, 57.4311



54.0451, 62.6884, 62.9398



60.7998, 62.6884, 86.6093

Complementary

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



64.2095, 62.6884, 57.4311



63.1554, 70.7941, 88.9338

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.



57.6967, 62.6884, 85.9822



64.2095, 62.6884, 57.4311



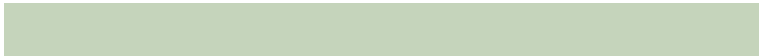
53.8698, 62.6884, 71.7760

Square

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



64.2095, 62.6884, 57.4311



55.6726, 62.6884, 56.1352



55.1851, 62.6884, 80.3645



63.6733, 62.6884, 82.0092

Rectangle

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



64.2095, 62.6884, 57.4311



59.4194, 62.6884, 52.4108



55.1851, 62.6884, 80.3645



59.7477, 62.6884, 87.0129

Sweetspot

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



64.2112, 62.6912, 57.4324



89.0046, 91.6954, 95.2125



66.2998, 59.9398, 79.4889



18.9153, 19.4401, 20.0746



0.0000, 0.0000, 0.0000



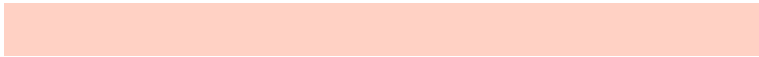
20.3446, 21.4041, 23.3091

Same Dimension

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



64.2112, 62.6912, 57.4324



74.1397, 71.0535, 62.2408



69.7436, 73.7560, 59.2765



15.3370, 15.5971, 15.7209



19.8350, 11.3643, 1.1481



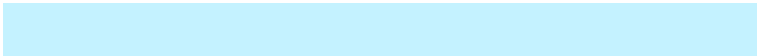
1.6276, 1.0325, 0.1135

Inverse Universe

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



63.1554, 70.7941, 88.9338



72.6467, 82.4838, 106.6998



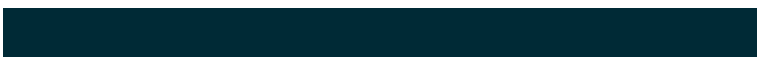
57.5283, 59.5401, 87.0581



15.2171, 16.5207, 19.3090



17.8409, 22.3289, 47.1126



1.4708, 1.8930, 3.7227

Previews

White Background



This preview shows how the XYZ color 64.2095, 62.6884, 57.4311 looks on a white background.

Color Contrast Check

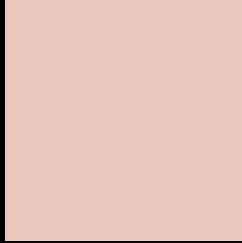
Large Text (above 18pt) WCAG AA × Fail

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 64.2095, 62.6884, 57.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

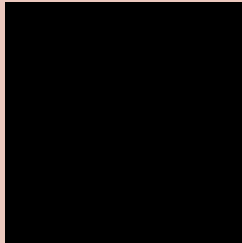
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2095, 62.6884, 57.4311

Background



This preview shows how black text looks on a background with the XYZ color 64.2095, 62.6884, 57.4311.



This preview shows how white text looks on a background with the XYZ color 64.2095, 62.6884,

57.4311.

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

64.2095, 62.6884, 57.4311

Protanopia

60.0748, 62.9678, 60.0267

Deuteranopia

63.8802, 62.5187, 57.4157



Tritanopia

67.1098, 62.8631, 70.8841

Trichromacy



Original Color

64.2095, 62.6884, 57.4311

Protanomaly

61.3427, 62.5656, 59.2953

Deuteranomaly

63.8802, 62.5187, 57.4157

Tritanomaly

66.0182, 62.7523, 65.7596

Monochromacy



Original Color

64.2095, 62.6884, 57.4311

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.6454, 63.3123, 64.8485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2095, 62.6884, 57.4311 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, 200, 190)` looks like.

```
.text, #text, p{  
    color:rgb(235, 200, 190)  
}
```

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, 200, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 200, 190) }
```

Border

The CSS property to change the border of an element to XYZ 64.2095, 62.6884, 57.4311 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, 200, 190) }
```


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

```
.border{ border-color:rgb(235, 200, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 200, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 200, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 200, 190);  
box-shadow:4px 4px 4px 4px rgb(235, 200,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2095, 62.6884, 57.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 200, 190) }
```

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

```
.background{ background-color: rgb(235,  
200, 190) }
```

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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