

Converting Colors

XYZ(64.3162, 61.5417, 64.5607)

Have a look what the booklet for
XYZ(64.3162, 61.5417, 64.5607)
contains.

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Color

**XYZ(64.2312, 61.5204,
64.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C5CA
RGB	233, 197, 202
RGB Percent	91%, 77%, 79%
CMY	0.0863, 0.2274, 0.2078
CMYK	0.00, 0.15, 0.13, 0.09
HSL	352°, 45%, 84%
HSV	352°, 15%, 91%
XYZ	64.2312, 61.5204, 64.3664
YIQ	208.3340, 19.8510, 9.1870

Conversions

Conversions Part 2

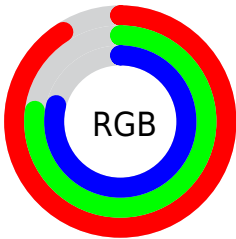
Format	Color
R _Y B	233, 197, 202
Decimal	15320522
CIE Lab	82.66, 13.52, 2.25
CIE LCh	83, 13.709, 9.431
Yxy	61.5204, 0.3378, 0.3236
Android (android.graphics.Color)	4293510602 (0xFFE9C5CA)
YUV	208.3340, -3.1227, 21.6321
Hunter-Lab	78.4349, 8.9144, 6.2491

Details

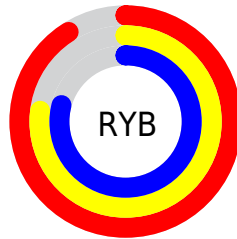
The XYZ color **64.2312, 61.5204, 64.3664** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.1709, 75.7511, 84.5363**, and the grayscale version is **60.1829, 63.3171, 68.9524**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **33.2992, 31.1302, 32.2706** is the 20% darker color. If you saturate the color by 10%, you get **57.1206, 50.8569, 51.0266**, and if you desaturate by 10%, it is **72.4720, 73.9483, 79.6086**.

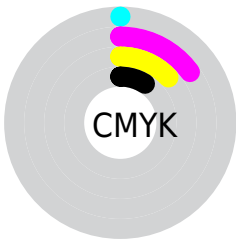
Distribution



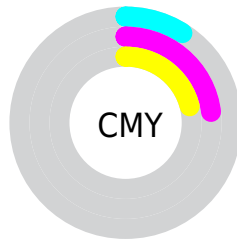
- Red (91%)
- Green (77%)
- Blue (79%)



- Red (91%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2312, 61.5204, 64.3664 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 64.2312, 61.5204, 64.3664 by changing the saturation by 10% instead.


 64.2312, 61.5204,
64.3664

 64.2312, 61.5204,
64.3664


429.6131,
430.1795, 458.7553

 47.1003, 44.6453,
46.4994


110.0157,
107.0321, 112.7430

 33.3233, 31.1781,
32.2886


139.4001,
136.4374, 144.0897

 22.5346, 20.7345,
21.3154


173.5996,
170.7883, 180.7667

 14.3691, 12.9301,
13.1612

212.9798,
210.4691, 223.1925

 8.4612, 7.3804,
7.4076

257.9058,
255.8642, 271.7858

 4.4457, 3.7011,
3.6360

308.7432,

 1.9573, 1.5078,

307.3581, 326.9650

1.4279

365.8571,
365.3350, 389.1486

■ 0.6098, 0.2942,
0.1633

■ 0.0000, 0.0000,
0.0000

■ 64.2312, 61.5204,
64.3664

■ 64.2312, 61.5204,
64.3664

■ 57.1206, 50.8569,
51.0266

■ 72.4720, 73.9483,
79.6086

■ 51.0857, 41.8701,
39.5106

■ 81.8839, 88.2070,
96.8198

■ 46.0752, 34.4768,
29.7398

■ 87.4146, 96.0638,
108.5427

■ 42.0318, 28.5839,
21.6288

■ 38.8923, 24.0881,
15.0844

■ 36.5858, 20.8735,
10.0046

■ 35.0308, 18.8052,
6.2746

■ 34.1283, 17.7176,
3.7623

■ 33.8699, 17.4299,
2.9699

Harmonies

Analogous

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



63.9292, 61.5204, 72.8381



64.2312, 61.5204, 64.3664



62.9509, 61.5204, 57.2162

Triad

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



64.2312, 61.5204, 64.3664



54.9546, 61.5204, 55.2384



56.5089, 61.5204, 83.3213

Complementary

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



64.2312, 61.5204, 64.3664



66.1709, 75.7511, 84.5363

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.



54.2132, 61.5204, 77.8074



64.2312, 61.5204, 64.3664



53.3370, 61.5204, 61.4547

Square

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



64.2312, 61.5204, 64.3664



57.5516, 61.5204, 52.2451



53.0702, 61.5204, 69.6742



59.4048, 61.5204, 84.2659

Rectangle

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



64.2312, 61.5204, 64.3664



61.3967, 61.5204, 53.9858



53.0702, 61.5204, 69.6742



55.6442, 61.5204, 81.9200

Sweetspot

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



64.2329, 61.5232, 64.3677



89.3987, 91.4460, 98.5426



66.5443, 62.2472, 85.5991



18.9713, 19.3257, 20.7911



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.



64.2329, 61.5232, 64.3677



75.4891, 70.4859, 72.7600



66.6322, 67.2531, 62.2959



15.1506, 15.0881, 16.0784



19.2446, 9.9005, 1.8237



1.5380, 0.7882, 0.2845

Inverse Universe

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



64.2329, 61.5232, 64.3677



75.4891, 70.4859, 72.7600



63.4345, 69.1523, 87.0958



15.1506, 15.0881, 16.0784



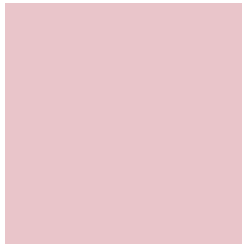
19.2446, 9.9005, 1.8237



1.5380, 0.7882, 0.2845

Previews

White Background



This preview shows how the XYZ color 64.2312, 61.5204, 64.3664 looks on a white background.

Color Contrast Check

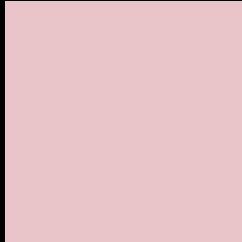
Large Text (above 18pt) WCAG AA × Fail

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 64.2312, 61.5204, 64.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

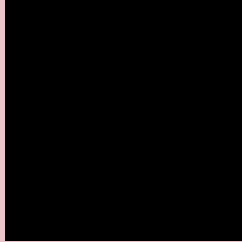
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2312, 61.5204, 64.3664

Background



This preview shows how black text looks on a background with the XYZ color 64.2312, 61.5204, 64.3664.



This preview shows how white text looks on a background with the XYZ color 64.2312, 61.5204,

64.3664.

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

64.2312, 61.5204, 64.3664

Protanopia

59.3883, 61.7229, 67.8151

Deuteranopia

62.7626, 61.4420, 64.4287



Tritanopia

65.4295, 61.6754, 70.0841

Trichromacy



Original Color

64.2312, 61.5204, 64.3664

Protanomaly

61.0534, 61.5543, 66.4209

Deuteranomaly

63.1679, 61.3104, 64.3819

Tritanomaly

65.0568, 61.5263, 68.1214

Monochromacy



Original Color

64.2312, 61.5204, 64.3664

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.3487, 62.3937, 67.2023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2312, 61.5204, 64.3664 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(233, 197, 202)` looks like.

```
.text, #text, p{  
    color:rgb(233, 197, 202)  
}
```

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(233, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 197, 202) }
```

Border

The CSS property to change the border of an element to XYZ 64.2312, 61.5204, 64.3664 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(233, 197, 202) }
```


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

```
.border{ border-color:rgb(233, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(233, 197,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2312, 61.5204, 64.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 197, 202) }
```

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

```
.background{ background-color: rgb(233,  
197, 202) }
```

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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