

Converting Colors

XYZ(63.7677, 57.8519, 63.6656)

Have a look what the booklet for
XYZ(63.7677, 57.8519, 63.6656)
contains.

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Color

**XYZ(63.8162, 57.7328,
63.6572)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBACA
RGB	239, 186, 202
RGB Percent	94%, 73%, 79%
CMY	0.0627, 0.2706, 0.2078
CMYK	0.00, 0.22, 0.15, 0.06
HSL	342°, 62%, 83%
HSV	342°, 22%, 94%
XYZ	63.8162, 57.7328, 63.6572
YIQ	203.6710, 26.4520, 16.2120

Conversions

Conversions Part 2

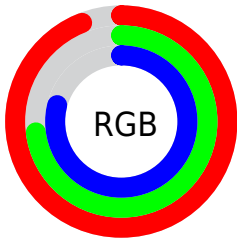
Format	Color
R _Y B	239, 186, 202
Decimal	15710922
CIE Lab	80.59, 21.49, -0.70
CIE LCh	81, 21.500, 358.134
Yxy	57.7328, 0.3446, 0.3117
Android (android.graphics.Color)	4293901002 (0xFFEFBACA)
YUV	203.6710, -0.8238, 30.9835
Hunter-Lab	75.9821, 16.9507, 3.5148

Details

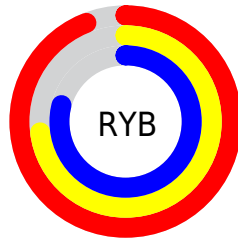
The XYZ color **63.8162, 57.7328, 63.6572** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.4378, 77.5013, 81.3788**, and the grayscale version is **57.1816, 60.1595, 65.5137**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **33.0242, 28.8583, 31.8466** is the 20% darker color. If you saturate the color by 10%, you get **57.3261, 47.7449, 52.2677**, and if you desaturate by 10%, it is **71.3653, 69.4956, 76.4550**.

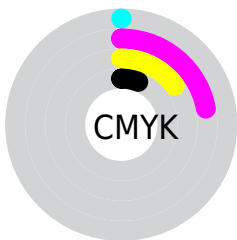
Distribution



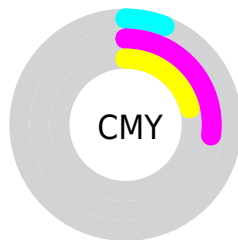
- Red (94%)
- Green (73%)
- Blue (79%)



- Red (94%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8162, 57.7328, 63.6572 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 63.8162, 57.7328, 63.6572 by changing the saturation by 10% instead.


 63.8162, 57.7328,
63.6572

 63.8162, 57.7328,
63.6572


428.1383,
416.1896, 456.1241

 46.7629, 41.5939,
45.9287


 109.4214,
101.5337, 111.7118

 33.0555, 28.7834,
31.8413


138.7041,
129.9644, 142.8750

 22.3284, 18.9170,
20.9765


172.7939,
163.2611, 179.3534

 14.2163, 11.6103,
12.9157

212.0563,
201.8083, 221.5657

 8.3540, 6.4789,
7.2405

256.8566,
245.9904, 269.9304

 4.3760, 3.1384,
3.5322

307.5601,

 1.9170, 1.2044,

296.1917, 324.8660

1.3724

364.5323,
352.7966, 386.7911

0.5867, 0.0653,
0.1201

0.0000, 0.0000,
0.0000

63.8162, 57.7328,
63.6572

63.8162, 57.7328,
63.6572

57.3261, 47.7449,
52.2677

71.3653, 69.4956,
76.4550

51.8415, 39.4375,
42.2335

80.0140, 83.1058,
90.7046

47.3115, 32.7196,
33.5030

88.9371, 96.9030,
106.1621

43.6786, 27.4883,
26.0200

89.4069, 97.0909,
108.6359

■ 40.8788, 23.6282,
19.7238

■ 38.8390, 21.0071,
14.5478

■ 37.4724, 19.4657,
10.4177

■ 36.7711, 18.8206,
7.8492

Harmonies

Analogous

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



62.4146, 57.7328, 76.6108



63.8162, 57.7328, 63.6572



62.7167, 57.7328, 52.0653

Triad

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



63.8162, 57.7328, 63.6572



50.9614, 57.7328, 43.7425



50.5064, 57.7328, 85.8890

Complementary

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



63.8162, 57.7328, 63.6572



64.4378, 77.5013, 81.3788

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.



47.7127, 57.7328, 75.0549



63.8162, 57.7328, 63.6572



47.9653, 57.7328, 50.8638

Square

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



63.8162, 57.7328, 63.6572



55.1505, 57.7328, 41.5319



46.8075, 57.7328, 62.0719



54.5970, 57.7328, 90.4705

Rectangle

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



63.8162, 57.7328, 63.6572



60.7447, 57.7328, 46.4170



46.8075, 57.7328, 62.0719



49.3929, 57.7328, 82.7919

Sweetspot

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



63.8178, 57.7354, 63.6584



87.6755, 88.3584, 96.8623



63.3316, 56.9165, 89.3101



18.6366, 18.7084, 20.5189



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.



63.8178, 57.7354, 63.6584



70.0846, 60.9427, 67.0566



64.1376, 61.2506, 54.8997



15.9692, 15.8374, 17.3938



20.3711, 10.4209, 4.6047



1.7371, 0.8839, 0.6066

Inverse Universe

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



63.8178, 57.7354, 63.6584



70.0846, 60.9427, 67.0566



63.9295, 72.8684, 92.3576



15.9692, 15.8374, 17.3938



20.3711, 10.4209, 4.6047



1.7371, 0.8839, 0.6066

Previews

White Background



This preview shows how the XYZ color 63.8162, 57.7328, 63.6572 looks on a white background.

Color Contrast Check

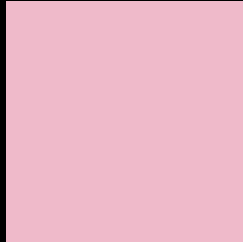
Large Text (above 18pt) WCAG AA × Fail

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 63.8162, 57.7328, 63.6572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

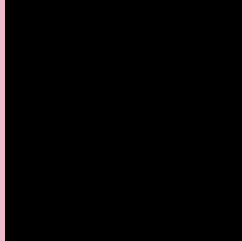
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.8162, 57.7328, 63.6572

Background



This preview shows how black text looks on a background with the XYZ color 63.8162, 57.7328, 63.6572.



This preview shows how white text looks on a background with the XYZ color 63.8162, 57.7328,

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

63.8162, 57.7328, 63.6572

Protanopia

56.1437, 57.9175, 69.1929

Deuteranopia

59.0478, 57.8607, 63.3144



Tritanopia

63.6981, 57.6856, 63.0355

Trichromacy



Original Color

63.8162, 57.7328, 63.6572

Protanomaly

58.5786, 57.5356, 67.0495

Deuteranomaly

60.5374, 57.6474, 63.1947

Tritanomaly

63.6981, 57.6856, 63.0355

Monochromacy



Original Color

63.8162, 57.7328, 63.6572

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.3610, 58.9960, 64.7586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8162, 57.7328, 63.6572 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(239, 186, 202)` looks like.

```
.text, #text, p{  
    color:rgb(239, 186, 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(239, 186, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 186, 202) }
```

Border

The CSS property to change the border of an element to XYZ 63.8162, 57.7328, 63.6572 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(239, 186, 202) }
```


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

```
.border{ border-color:rgb(239, 186, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 186, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 186, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 186, 202); box-shadow:4px 4px 4px 4px rgb(239, 186, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8162, 57.7328, 63.6572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 186, 202) }
```

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

```
.background{ background-color: rgb(239,  
186, 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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