

Converting Colors

XYZ(64.0857, 59.4819, 61.9677)

Have a look what the booklet for
XYZ(64.0857, 59.4819, 61.9677)
contains.

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Color

**XYZ(64.1995, 59.5623,
62.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBFC7
RGB	238, 191, 199
RGB Percent	93%, 75%, 78%
CMY	0.0667, 0.2510, 0.2196
CMYK	0.00, 0.20, 0.16, 0.07
HSL	350°, 58%, 84%
HSV	350°, 20%, 93%
XYZ	64.1995, 59.5623, 62.1458
YIQ	205.9650, 25.4440, 12.4520

Conversions

Conversions Part 2

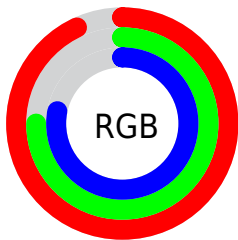
Format	Color
R _Y B	238, 191, 199
Decimal	15646663
CIE Lab	81.60, 18.01, 2.38
CIE LCh	82, 18.168, 7.512
Yxy	59.5623, 0.3453, 0.3204
Android (android.graphics.Color)	4293836743 (0xFFEEBFC7)
YUV	205.9650, -3.4337, 28.0947
Hunter-Lab	77.1766, 13.4265, 6.2809

Details

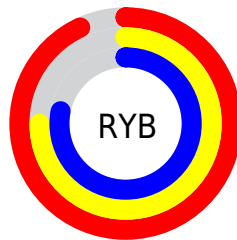
The XYZ color **64.1995, 59.5623, 62.1458** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.3457, 77.9401, 86.4139**, and the grayscale version is **58.6551, 61.7097, 67.2019**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **33.3479, 29.8807, 30.7980** is the 20% darker color. If you saturate the color by 10%, you get **57.2786, 49.1550, 49.2497**, and if you desaturate by 10%, it is **72.2647, 71.7808, 76.8932**.

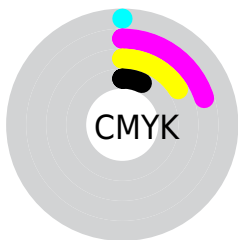
Distribution



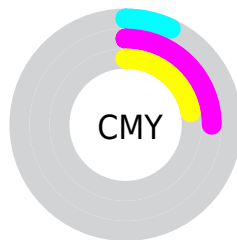
- Red (93%)
- Green (75%)
- Blue (78%)



- Red (93%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1995, 59.5623, 62.1458 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 64.1995, 59.5623, 62.1458 by changing the saturation by 10% instead.


 64.1995, 59.5623,
62.1458

 64.1995, 59.5623,
62.1458


429.5005,
422.9825, 450.4850

 47.0746, 43.0659,
44.7140


 109.9703,
104.1945, 109.5099

 33.3028, 29.9369,
30.8909


139.3469,
133.0991, 140.2792

 22.5189, 19.7907,
20.2580


173.5381,
166.9085, 176.3314

 14.3574, 12.2430,
12.3968

212.9093,
206.0072, 218.0851

 8.4530, 6.9094,
6.8887

257.8257,
250.7796, 265.9587

 4.4404, 3.4055,
3.3152

308.6529,

 1.9542, 1.3469,

301.6100, 320.3709

1.2577

365.7560,
358.8828, 381.7402

0.6080, 0.1771,
0.0268

0.0000, 0.0000,
0.0000

64.1995, 59.5623,
62.1458

64.1995, 59.5623,
62.1458

57.2786, 49.1550,
49.2497

72.2647, 71.7808,
76.8932

51.4451, 40.4648,
38.1277

81.5180, 85.8825,
93.5574

46.6444, 33.4016,
28.7026

89.0701, 96.9173,
108.6201

42.8153, 27.8636,
20.8902

■ 39.8901, 23.7376,
14.5987

■ 37.7919, 20.8946,
9.7271

■ 36.4306, 19.1816,
6.1613

■ 35.6668, 18.3505,
3.7595

■ 35.6516, 18.3338,
3.7114

Harmonies

Analogous

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



63.6629, 59.5623, 73.2241



64.1995, 59.5623, 62.1458



62.6317, 59.5623, 52.8850

Triad

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



64.1995, 59.5623, 62.1458



52.2625, 59.5623, 49.5773



53.8529, 59.5623, 86.2618

Complementary

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



64.1995, 59.5623, 62.1458



66.3457, 77.9401, 86.4139

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.



50.9913, 59.5623, 78.5032



64.1995, 59.5623, 62.1458



50.1022, 59.5623, 57.1460

Square

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



64.1995, 59.5623, 62.1458



55.6588, 59.5623, 46.1776



49.6475, 59.5623, 67.6382



57.5764, 59.5623, 87.9870

Rectangle

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



64.1995, 59.5623, 62.1458



60.6438, 59.5623, 48.6997



49.6475, 59.5623, 67.6382



52.7633, 59.5623, 84.2338

Sweetspot

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



64.2012, 59.5650, 62.1470



88.3844, 89.8327, 96.9243



66.5009, 60.1587, 88.9963



18.7693, 19.0016, 20.4775



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.



64.2012, 59.5650, 62.1470



71.4119, 64.1244, 65.8737



66.7090, 66.0276, 58.5222



15.8825, 15.8027, 16.9376



19.9219, 10.2412, 2.2395



1.6888, 0.8646, 0.3519

Inverse Universe

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



64.2012, 59.5650, 62.1470



71.4119, 64.1244, 65.8737



63.3395, 70.0892, 91.0797



15.8825, 15.8027, 16.9376



19.9219, 10.2412, 2.2395



1.6888, 0.8646, 0.3519

Previews

White Background



This preview shows how the XYZ color 64.1995, 59.5623, 62.1458 looks on a white background.

Color Contrast Check

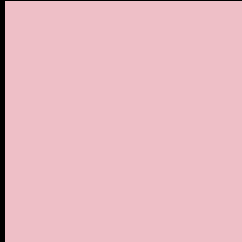
Large Text (above 18pt) WCAG AA × Fail

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 64.1995, 59.5623, 62.1458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

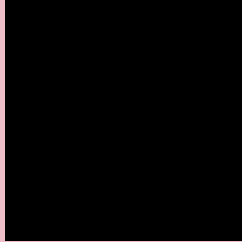
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1995, 59.5623, 62.1458

Background



This preview shows how black text looks on a background with the XYZ color 64.1995, 59.5623, 62.1458.



This preview shows how white text looks on a background with the XYZ color 64.1995, 59.5623,

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

64.1995, 59.5623, 62.1458

Protanopia

57.5936, 59.7706, 66.2590

Deuteranopia

60.6734, 59.4044, 61.6944



Tritanopia

65.0295, 59.5854, 65.8313

Trichromacy



Original Color

64.1995, 59.5623, 62.1458

Protanomaly

59.8870, 59.6054, 64.8485

Deuteranomaly

61.7979, 59.3188, 61.6187

Tritanomaly

64.7896, 59.4894, 64.5677

Monochromacy



Original Color

64.1995, 59.5623, 62.1458

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.5796, 60.9905, 65.0794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1995, 59.5623, 62.1458 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(238, 191, 199) looks like.

```
.text, #text, p{  
    color:rgb(238, 191, 199)  
}
```

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(238, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 191, 199) }
```

Border

The CSS property to change the border of an element to XYZ 64.1995, 59.5623, 62.1458 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(238, 191, 199) }
```


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

```
.border{ border-color:rgb(238, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(238, 191,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1995, 59.5623, 62.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 191, 199) }
```

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

```
.background{ background-color: rgb(238,  
191, 199) }
```

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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