

Converting Colors

XYZ(63.9478, 61.9416, 63.9383)

Have a look what the booklet for
XYZ(63.9478, 61.9416, 63.9383)
contains.

XYZ(63.9210, 62.0528, 63.8667)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.9210, 62.0528,
63.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C7C9
RGB	231, 199, 201
RGB Percent	91%, 78%, 79%
CMY	0.0941, 0.2196, 0.2118
CMYK	0.00, 0.14, 0.13, 0.09
HSL	356°, 40%, 84%
HSV	356°, 14%, 91%
XYZ	63.9210, 62.0528, 63.8667
YIQ	208.7960, 18.4300, 7.4060

Conversions

Conversions Part 2

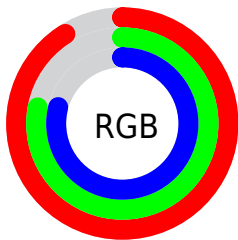
Format	Color
R_{YB}	231, 199, 201
Decimal	15189961
CIE _{Lab}	82.94, 11.59, 3.17
CIE _{LCh}	83, 12.019, 15.298
Yxy	62.0528, 0.3367, 0.3269
Android (android.graphics.Color)	4293380041 (0xFFE7C7C9)
YUV	208.7960, -3.8434, 19.4729
Hunter-Lab	78.7736, 6.9904, 7.0714

Details

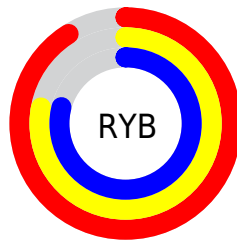
The XYZ color **63.9210, 62.0528, 63.8667** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.2743, 74.9526, 85.1066**, and the grayscale version is **60.4886, 63.6388, 69.3026**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0711, 31.4713, 31.9353** is the 20% darker color. If you saturate the color by 10%, you get **56.6334, 51.2712, 49.7410**, and if you desaturate by 10%, it is **72.3781, 74.5972, 80.1562**.

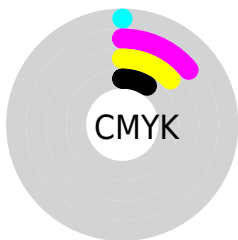
Distribution



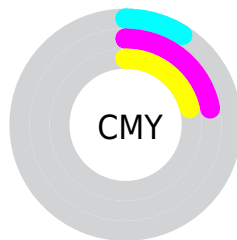
- Red (91%)
- Green (78%)
- Blue (79%)



- Red (91%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9210, 62.0528, 63.8667 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 63.9210, 62.0528, 63.8667 by changing the saturation by 10% instead.

63.9210, 62.0528,
63.8667

63.9210, 62.0528,
63.8667

428.5110,
432.1237, 456.9024

46.8481, 45.0754,
46.0972

109.5715,
107.8018, 112.0166

33.1231, 31.5168,
31.9733

138.8799,
137.3422, 143.2340

22.3804, 20.9927,
21.0765

172.9975,
171.8391, 179.7712

14.2549, 13.1187,
12.9881

212.2896,
211.6767, 222.0467

8.3810, 7.5103,
7.2897

257.1217,
257.2396, 270.4790

4.3936, 3.7832,
3.5628

307.8591,

1.9271, 1.5531,

308.9122, 325.4867

1.3887

364.8671,
367.0787, 387.4883

■ 0.5925, 0.3256,
0.1329

■ 0.0000, 0.0000,
0.0000

■ 63.9210, 62.0528,
63.8667

■ 63.9210, 62.0528,
63.8667

■ 56.6334, 51.2712,
49.7410

■ 72.3781, 74.5972,
80.1562

■ 50.4590, 42.1656,
37.6842

■ 82.0477, 88.9695,
98.6911

■ 45.3444, 34.6543,
27.6005

■ 86.7653, 95.7291,
108.5123

■ 41.2300, 28.6455,
19.3848

■ 38.0501, 24.0383,
12.9221

■ 35.7312, 20.7189,
8.0850

■ 34.1889, 18.5563,
4.7285

■ 33.3214, 17.3912,
2.6822

■ 33.0373, 17.0219,
1.9745

Harmonies

Analogous

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



63.9352, 62.0528, 71.2545



63.9210, 62.0528, 63.8667



62.5569, 62.0528, 57.9143

Triad

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



63.9210, 62.0528, 63.8667



55.5056, 62.0528, 58.0092



57.7228, 62.0528, 82.3409

Complementary

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



63.9210, 62.0528, 63.8667



66.2743, 74.9526, 85.1066

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.



55.5408, 62.0528, 78.2322



63.9210, 62.0528, 63.8667



54.2864, 62.0528, 64.0051

Square

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



63.9210, 62.0528, 63.8667



57.6735, 62.0528, 54.7051



54.2991, 62.0528, 71.4033



60.3048, 62.0528, 82.2970

Rectangle

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



63.9210, 62.0528, 63.8667



61.0878, 62.0528, 55.4037



54.2991, 62.0528, 71.4033



56.9200, 62.0528, 81.3871

Sweetspot

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



63.9227, 62.0556, 63.8680



90.3801, 93.0631, 99.9352



67.1195, 63.2552, 84.2738



19.1630, 19.6490, 21.0403



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.



63.9227, 62.0556, 63.8680



76.8790, 73.0453, 73.9029



67.0263, 68.6360, 63.7516



14.4133, 14.3825, 15.1107



18.5362, 9.5487, 1.1868



1.3827, 0.7108, 0.1557

Inverse Universe

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



63.9227, 62.0556, 63.8680



76.8790, 73.0453, 73.9029



62.8265, 67.6084, 85.3403



14.4133, 14.3825, 15.1107



18.5362, 9.5487, 1.1868



1.3827, 0.7108, 0.1557

Previews

White Background



This preview shows how the XYZ color 63.9210, 62.0528, 63.8667 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 63.9210, 62.0528, 63.8667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

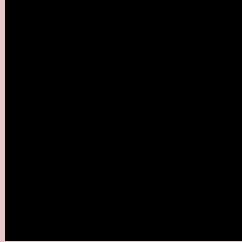
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9210, 62.0528, 63.8667

Background



This preview shows how black text looks on a background with the XYZ color 63.9210, 62.0528, 63.8667.



This preview shows how white text looks on a background with the XYZ color 63.9210, 62.0528,

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

63.9210, 62.0528, 63.8667

Protanopia

59.9547, 62.3993, 66.6419

Deuteranopia

63.5100, 62.1836, 63.9136



Tritanopia

65.5808, 62.0602, 71.4731

Trichromacy



Original Color

63.9210, 62.0528, 63.8667

Protanomaly

61.1685, 61.9769, 65.8656

Deuteranomaly

63.8300, 62.3486, 63.9286

Tritanomaly

64.9814, 62.1474, 68.8924

Monochromacy



Original Color

63.9210, 62.0528, 63.8667

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.5872, 62.8706, 67.2818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9210, 62.0528, 63.8667 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(231, 199, 201)` looks like.

```
.text, #text, p{  
    color:rgb(231, 199, 201)  
}
```

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(231, 199, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 199, 201) }
```

Border

The CSS property to change the border of an element to XYZ 63.9210, 62.0528, 63.8667 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(231, 199, 201) }
```


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

```
.border{ border-color:rgb(231, 199, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 199, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(231, 199,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9210, 62.0528, 63.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 199, 201) }
```

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

```
.background{ background-color: rgb(231,  
199, 201) }
```

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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