

Converting Colors

XYZ(64.7328, 62.0946, 62.5955)

Have a look what the booklet for
XYZ(64.7328, 62.0946, 62.5955)
contains.

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Color

**XYZ(64.7638, 62.1739,
62.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC6C7
RGB	235, 198, 199
RGB Percent	92%, 78%, 78%
CMY	0.0784, 0.2235, 0.2196
CMYK	0.00, 0.16, 0.15, 0.08
HSL	358°, 48%, 85%
HSV	358°, 16%, 92%
XYZ	64.7638, 62.1739, 62.6202
YIQ	209.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

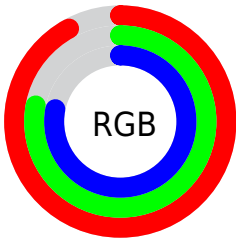
Format	Color
R_{YB}	235, 198, 199
Decimal	15451847
CIE _{Lab}	83.01, 13.23, 4.38
CIE _{LCh}	83, 13.938, 18.308
Yxy	62.1739, 0.3417, 0.3280
Android (android.graphics.Color)	4293641927 (0xFFEBC6C7)
YUV	209.1770, -5.0173, 22.6468
Hunter-Lab	78.8504, 8.6227, 8.1093

Details

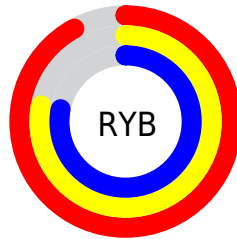
The XYZ color **64.7638, 62.1739, 62.6202** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8507, 77.3643, 89.2023**, and the grayscale version is **60.7431, 63.9065, 69.5941**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6745, 31.5746, 31.1077** is the 20% darker color. If you saturate the color by 10%, you get **57.3448, 51.2701, 48.0175**, and if you desaturate by 10%, it is **73.4186, 74.9096, 79.6047**.

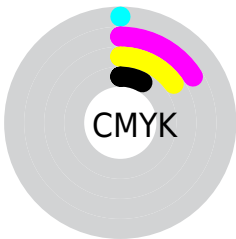
Distribution



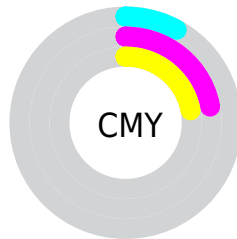
- Red (92%)
- Green (78%)
- Blue (78%)



- Red (92%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (8%)



- Cyan (8%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7638, 62.1739, 62.6202 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 64.7638, 62.1739, 62.6202 by changing the saturation by 10% instead.

64.7638, 62.1739,
62.6202

64.7638, 62.1739,
62.6202

431.5013,
432.5651, 452.2597

47.5336, 45.1732,
45.0950

110.7778,
107.9768, 110.2017

33.6674, 31.5939,
31.1888

140.2923,
137.5479, 141.0950

22.7999, 21.0515,
20.4830

174.6322,
172.0778, 177.2815

14.5657, 13.1617,
12.5590

214.1630,
211.9511, 219.1796

8.5995, 7.5400,
6.9985

259.2499,
257.5521, 267.2080

4.5359, 3.8020,
3.3827

310.2584,

2.0095, 1.5634,

309.2651, 321.7851

1.2932

367.5537,
367.4747, 383.3295

■ 0.6393, 0.3328,
0.0562

■ 0.0000, 0.0000,
0.0000

■ 64.7638, 62.1739,
62.6202

■ 64.7638, 62.1739,
62.6202

■ 57.3448, 51.2701,
48.0175

■ 73.4186, 74.9096,
79.6047

■ 51.1004, 42.1060,
35.6864

■ 83.3566, 89.5472,
99.0666

■ 45.9721, 34.5944,
25.5140

■ 88.0711, 96.4023,
108.5734

■ 41.8939, 28.6368,
17.3762

■ 38.7933, 24.1244,
11.1362

■ 36.5884, 20.9346,
6.6405

■ 35.1841, 18.9243,
3.7116

■ 34.4637, 17.9171,
2.1345

■ 34.2958, 17.6761,
1.7859

Harmonies

Analogous

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



64.9478, 62.1739, 71.1133



64.7638, 62.1739, 62.6202



63.0299, 62.1739, 56.0536

Triad

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



64.7638, 62.1739, 62.6202



54.8753, 62.1739, 57.2553



57.9288, 62.1739, 85.2686

Complementary

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



64.7638, 62.1739, 62.6202



67.8507, 77.3643, 89.2023

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.



55.3262, 62.1739, 80.8501



64.7638, 62.1739, 62.6202



53.6037, 62.1739, 64.3916

Square

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



64.7638, 62.1739, 62.6202



57.2942, 62.1739, 53.1422



53.7660, 62.1739, 73.0406



60.9320, 62.1739, 84.6922

Rectangle

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



64.7638, 62.1739, 62.6202



61.2605, 62.1739, 53.4278



53.7660, 62.1739, 73.0406



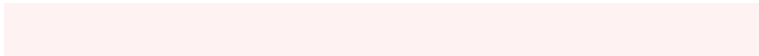
56.9800, 62.1739, 84.3039

Sweetspot

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



64.7655, 62.1767, 62.6215



89.1829, 91.3597, 97.4060



69.0463, 63.8421, 87.2813



18.9191, 19.3048, 20.5161



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.



64.7655, 62.1767, 62.6215



74.8111, 70.2148, 69.1901



68.8241, 70.4783, 63.4059



15.0819, 15.0606, 15.7166



19.0945, 9.8405, 1.0329



1.5052, 0.7750, 0.1116

Inverse Universe

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



64.7655, 62.1767, 62.6215



74.8111, 70.2148, 69.1901



63.2888, 68.0109, 88.3894



15.0819, 15.0606, 15.7166



19.0945, 9.8405, 1.0329



1.5052, 0.7750, 0.1116

Previews

White Background



This preview shows how the XYZ color 64.7638, 62.1739, 62.6202 looks on a white background.

Color Contrast Check

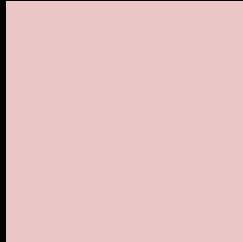
Large Text (above 18pt) WCAG AA × Fail

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 64.7638, 62.1739, 62.6202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

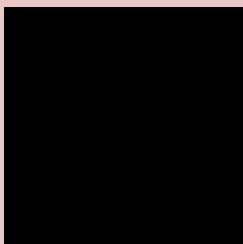
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7638, 62.1739, 62.6202

Background



This preview shows how black text looks on a background with the XYZ color 64.7638, 62.1739, 62.6202.

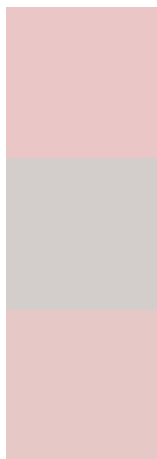


This preview shows how white text looks on a background with the XYZ color 64.7638, 62.1739,

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

64.7638, 62.1739, 62.6202

Protanopia

59.7148, 62.3033, 65.3783

Deuteranopia

63.5962, 62.2551, 62.6974



Tritanopia

66.4229, 62.1875, 70.1305

Trichromacy



Original Color

64.7638, 62.1739, 62.6202

Protanomaly

61.5318, 62.1918, 64.6383

Deuteranomaly

64.0109, 62.1262, 62.6506

Tritanomaly

65.8208, 62.2704, 67.5817

Monochromacy



Original Color

64.7638, 62.1739, 62.6202

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.7642, 62.9758, 66.6578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7638, 62.1739, 62.6202 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, 198, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 198, 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(235, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 198, 199) }
```

Border

The CSS property to change the border of an element to XYZ 64.7638, 62.1739, 62.6202 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, 198, 199) }
```


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

```
.border{ border-color:rgb(235, 198, 199) }
```

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

Here you see how a box with a 4 pixel rgb(235, 198, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(235, 198,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7638, 62.1739, 62.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 198, 199) }
```

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

```
.background{ background-color: rgb(235,  
198, 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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