

Converting Colors

XYZ(62.1232, 56.7068, 56.4682)

Have a look what the booklet for
XYZ(62.1232, 56.7068, 56.4682)
contains.

XYZ(62.2398, 56.7664, 56.3918)	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(62.2398, 56.7664,
56.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB9BE
RGB	239, 185, 190
RGB Percent	94%, 73%, 75%
CMY	0.0627, 0.2745, 0.2549
CMYK	0.00, 0.23, 0.21, 0.06
HSL	354°, 63%, 83%
HSV	354°, 23%, 94%
XYZ	62.2398, 56.7664, 56.3918
YIQ	201.7160, 30.5790, 13.0030

Conversions

Conversions Part 2

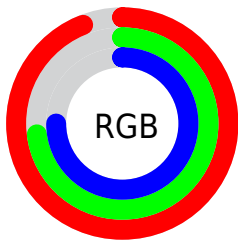
Format	Color
R _Y B	239, 185, 190
Decimal	15710654
CIE Lab	80.05, 20.19, 4.99
CIE LCh	80, 20.797, 13.873
Yxy	56.7664, 0.3548, 0.3236
Android (android.graphics.Color)	4293900734 (0xFFEFB9BE)
YUV	201.7160, -5.7760, 32.6981
Hunter-Lab	75.3435, 15.6043, 8.3641

Details

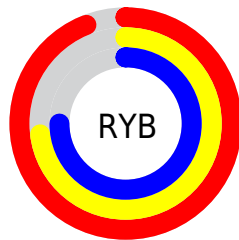
The XYZ color **62.2398, 56.7664, 56.3918** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7277, 77.9891, 89.4350**, and the grayscale version is **55.9849, 58.9005, 64.1426**.

A 20% lighter version of the original color is **89.3298, 90.8244, 100.0115**, and **32.0580, 28.2538, 27.4308** is the 20% darker color. If you saturate the color by 10%, you get **55.4572, 46.7164, 43.2928**, and if you desaturate by 10%, it is **70.2188, 68.6435, 71.6313**.

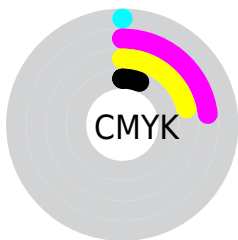
Distribution



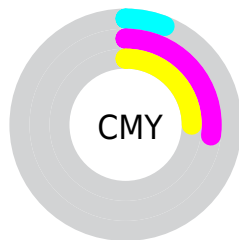
- Red (94%)
- Green (73%)
- Blue (75%)



- Red (94%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (6%)



- Cyan (6%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2398, 56.7664, 56.3918 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 62.2398, 56.7664, 56.3918 by changing the saturation by 10% instead.

62.2398, 56.7664,
56.3918

62.2398, 56.7664,
56.3918

422.5089,
412.5734, 428.5961

45.4828, 40.8177,
40.1110

107.1600,
100.1243, 101.0687

32.0408, 28.1767,
27.3107

136.0540,
128.3022, 130.3019

21.5484, 18.4589,
17.5722

169.7243,
161.3254, 164.6897

13.6402, 11.2799,
10.4770

208.5363,
199.5782, 204.6506

7.9508, 6.2555,
5.6067

252.8555,
243.4450, 250.6032

4.1150, 3.0010,
2.5425

303.0470,

1.7674, 1.1323,

293.3102, 302.9659

0.8626

359.4764,
349.5582, 362.1574

0.4979, 0.0053,
0.0000

0.0000, 0.0000,
0.0000

62.2398, 56.7664,
56.3918

62.2398, 56.7664,
56.3918

55.4572, 46.7164,
43.2928

70.2188, 68.6435,
71.6313

49.8086, 38.3955,
32.2349

79.4430, 82.4238,
89.0974

45.2335, 31.7084,
23.1164

89.4067, 97.0908,
108.6359

41.6635, 26.5475,
15.8249

■ 39.0224, 22.7922,
10.2371

■ 37.2229, 20.3037,
6.2138

■ 36.1610, 18.9150,
3.5939

■ 35.7426, 18.4091,
2.4342

Harmonies

Analogous

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



62.1488, 56.7664, 68.5053



62.2398, 56.7664, 56.3918



60.0310, 56.7664, 47.0337

Triad

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



62.2398, 56.7664, 56.3918



48.5133, 56.7664, 46.4961



51.7277, 56.7664, 86.9866

Complementary

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



62.2398, 56.7664, 56.3918



65.7277, 77.9891, 89.4350

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.



48.3030, 56.7664, 79.3936



62.2398, 56.7664, 56.3918



46.5146, 56.7664, 55.5639

Square

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



62.2398, 56.7664, 56.3918



52.0285, 56.7664, 41.8459



46.4397, 56.7664, 67.5624



55.9280, 56.7664, 87.2846

Rectangle

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



62.2398, 56.7664, 56.3918



57.6151, 56.7664, 43.1704



46.4397, 56.7664, 67.5624



50.4528, 56.7664, 85.1622

Sweetspot

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



62.2414, 56.7690, 56.3930



87.1183, 88.1355, 93.9278



66.7311, 58.3574, 89.4087



18.5079, 18.6569, 19.8412



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.



62.2414, 56.7690, 56.3930



68.4026, 60.2699, 58.1996



66.5713, 66.2877, 55.1884



15.8322, 15.7826, 16.6725



19.7725, 10.1814, 1.4528



1.6649, 0.8550, 0.2263

Inverse Universe

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



62.2414, 56.7690, 56.3930



68.4026, 60.2699, 58.1996



60.5059, 66.3806, 91.2854



15.8322, 15.7826, 16.6725



19.7725, 10.1814, 1.4528



1.6649, 0.8550, 0.2263

Previews

White Background



This preview shows how the XYZ color 62.2398, 56.7664, 56.3918 looks on a white background.

Color Contrast Check

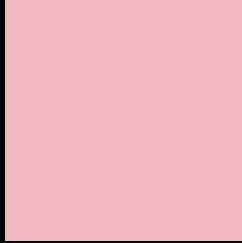
Large Text (above 18pt) WCAG AA × Fail

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 62.2398, 56.7664, 56.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

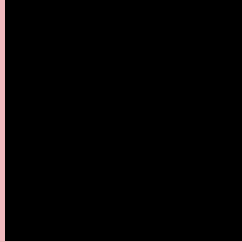
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2398, 56.7664, 56.3918

Background



This preview shows how black text looks on a background with the XYZ color 62.2398, 56.7664, 56.3918.



This preview shows how white text looks on a background with the XYZ color 62.2398, 56.7664,

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

62.2398, 56.7664, 56.3918

Protanopia

54.9007, 57.1159, 60.9542

Deuteranopia

58.1591, 56.9030, 56.0622



Tritanopia

63.2687, 56.8835, 61.0711

Trichromacy



Original Color

62.2398, 56.7664, 56.3918

Protanomaly

57.1265, 56.6339, 58.9595

Deuteranomaly

59.3778, 56.5633, 55.9324

Tritanomaly

62.9260, 56.7464, 59.2663

Monochromacy



Original Color

62.2398, 56.7664, 56.3918

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.9573, 58.0041, 61.5673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2398, 56.7664, 56.3918 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, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(239, 185, 190)  
}
```

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, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 185, 190) }
```

Border

The CSS property to change the border of an element to XYZ 62.2398, 56.7664, 56.3918 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, 185, 190) }
```


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

```
.border{ border-color:rgb(239, 185, 190) }
```

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

Here you see how a box with a 4 pixel rgb(239, 185, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(239, 185,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2398, 56.7664, 56.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 185, 190) }
```

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

```
.background{ background-color: rgb(239,  
185, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor