

Converting Colors

XYZ(67.1852, 62.1629, 55.7650)

Have a look what the booklet for
XYZ(67.1852, 62.1629, 55.7650)
contains.

XYZ(67.4358, 62.3542, 56.0583)	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(67.4358, 62.3542,
56.0583)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C2BC
RGB	249, 194, 188
RGB Percent	98%, 76%, 74%
CMY	0.0235, 0.2392, 0.2627
CMYK	0.00, 0.22, 0.24, 0.02
HSL	6°, 84%, 86%
HSV	6°, 24%, 98%
XYZ	67.4358, 62.3542, 56.0583
YIQ	209.7610, 34.7060, 9.7940

Conversions

Conversions Part 2

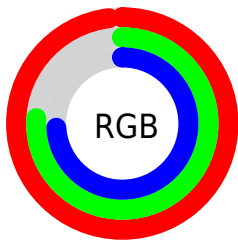
Format	Color
R _Y B	249, 195, 188
Decimal	16368316
CIE Lab	83.10, 18.79, 10.57
CIE LCh	83, 21.558, 29.355
Yxy	62.3542, 0.3629, 0.3355
Android (android.graphics.Color)	4294558396 (0xFFF9C2BC)
YUV	209.7610, -10.7282, 34.4126
Hunter-Lab	78.9647, 14.2507, 13.1843

Details

The XYZ color **67.4358, 62.3542, 56.0583** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8876, 81.6296, 101.6954**, and the grayscale version is **61.1555, 64.3403, 70.0666**.

A 20% lighter version of the original color is **92.0663, 96.7860, 99.4171**, and **35.4895, 31.7119, 27.1722** is the 20% darker color. If you saturate the color by 10%, you get **60.3554, 52.1247, 41.5780**, and if you desaturate by 10%, it is **75.7374, 74.2842, 73.2318**.

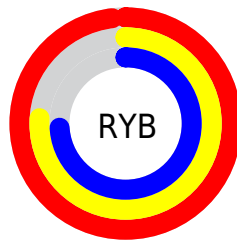
Distribution



Red (98%)

Green (76%)

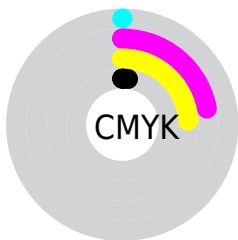
Blue (74%)



Red (98%)

Yellow (76%)

Blue (74%)

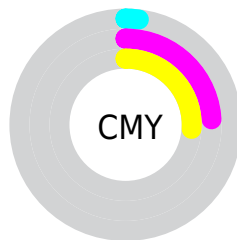


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (2%)



Cyan (2%)


Magenta (24%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4358, 62.3542, 56.0583 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 67.4358, 62.3542, 56.0583 by changing the saturation by 10% instead.


 67.4358, 62.3542,
56.0583

 67.4358, 62.3542,
56.0583


440.9026,
433.2219, 427.3057

 49.7109, 45.3190,
39.8454


 114.5910,
108.2373, 100.5765

 35.4006, 31.7087,
27.1051


144.7520,
137.8539, 129.7188

 24.1396, 21.1391,
17.4191

179.7890,
172.4331, 164.0079

 15.5625, 13.2257,
10.3686

220.0675,
212.3594, 203.8625

 9.3040, 7.5842,
5.5352

265.9527,
258.0169, 249.7010

 4.9987, 3.8300,
2.5004

317.8101,

 2.2812, 1.5790,

309.7903, 301.9420

0.8404

376.0049,
368.0638, 361.0041

0.7850, 0.3433,
0.0000

0.0000, 0.0000,
0.0000

67.4358, 62.3542,
56.0583

67.4358, 62.3542,
56.0583

60.3554, 52.1247,
41.5780

75.7374, 74.2842,
73.2318

54.4337, 43.5099,
29.6506

85.3089, 87.9780,
93.2213

49.6102, 36.4299,
20.1288

92.8770, 98.8798,
108.7983

45.8167, 30.7942,
12.8490

■ 42.9777, 26.5031,
7.6269

■ 41.0068, 23.4439,
4.2488

■ 39.8016, 21.4854,
2.4542

■ 39.4043, 20.8144,
1.9407

Harmonies

Analogous

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



68.6988, 62.3542, 68.1827



67.4358, 62.3542, 56.0583



63.9582, 62.3542, 48.0968

Triad

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



67.4358, 62.3542, 56.0583



51.8762, 62.3542, 55.6187



59.1649, 62.3542, 96.9681

Complementary

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



67.4358, 62.3542, 56.0583



69.8876, 81.6296, 101.6954

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.



54.8087, 62.3542, 92.4894



67.4358, 62.3542, 56.0583



50.7384, 62.3542, 67.6044

Square

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



67.4358, 62.3542, 56.0583



54.9749, 62.3542, 47.8674



51.7838, 62.3542, 81.2864



63.7744, 62.3542, 92.8451

Rectangle

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



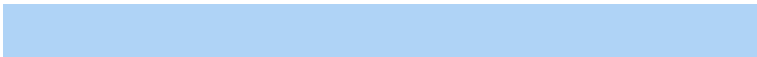
67.4358, 62.3542, 56.0583



60.9388, 62.3542, 45.6393



51.7838, 62.3542, 81.2864



57.6237, 62.3542, 96.4104

Sweetspot

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



67.4375, 62.3571, 56.0596



87.3873, 89.0619, 92.8206



73.3671, 62.6335, 93.7445



18.5699, 18.8705, 19.5859



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.



67.4375, 62.3571, 56.0596



67.6394, 60.7057, 51.8954



74.6883, 76.8587, 58.4765



17.3820, 17.4999, 17.9241



21.1377, 11.2320, 1.0539



2.0022, 1.1292, 0.1124

Inverse Universe

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



69.8876, 81.6296, 101.6954



70.5992, 84.0127, 107.1028



61.7378, 65.3300, 98.9788



17.6112, 19.2993, 22.1822



23.5508, 32.4571, 52.9971



2.2222, 3.0881, 4.9221

Previews

White Background



This preview shows how the XYZ color 67.4358, 62.3542, 56.0583 looks on a white background.

Color Contrast Check

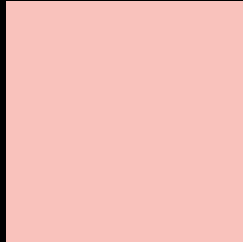
Large Text (above 18pt) WCAG AA × Fail

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 67.4358, 62.3542, 56.0583 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 67.4358, 62.3542, 56.0583

Background



This preview shows how black text looks on a background with the XYZ color 67.4358, 62.3542, 56.0583.

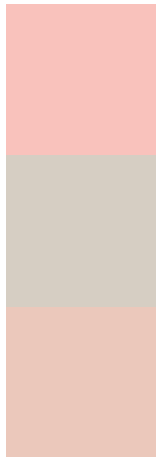


This preview shows how white text looks on a background with the XYZ color 67.4358, 62.3542,

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

67.4358, 62.3542, 56.0583

Protanopia

59.6532, 62.3789, 60.5260

Deuteranopia

63.8849, 62.5586, 55.7216



Tritanopia

69.5550, 62.2271, 66.7376

Trichromacy



Original Color

67.4358, 62.3542, 56.0583

Protanomaly

62.3135, 62.3777, 58.6250

Deuteranomaly

65.0989, 62.5013, 55.6466

Tritanomaly

68.5828, 62.1468, 62.4137

Monochromacy



Original Color

67.4358, 62.3542, 56.0583

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.9940, 63.2973, 64.7746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4358, 62.3542, 56.0583 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(249, 194, 188)` looks like.

```
.text, #text, p{  
    color:rgb(249, 194, 188)  
}
```

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(249, 194, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 194, 188) }
```

Border

The CSS property to change the border of an element to XYZ 67.4358, 62.3542, 56.0583 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(249, 194, 188) }
```


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

```
.border{ border-color:rgb(249, 194, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 194, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 194, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 194, 188);  
box-shadow:4px 4px 4px 4px rgb(249, 194,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4358, 62.3542, 56.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 194, 188) }
```

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

```
.background{ background-color: rgb(249,  
194, 188) }
```

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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