

Converting Colors

XYZ(85.7660, 71.3203, 56.1931)

Have a look what the booklet for
XYZ(85.7660, 71.3203, 56.1931)
contains.

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Color

**XYZ(69.0593, 62.5471,
55.4467)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0BB
RGB	255, 192, 187
RGB Percent	100%, 75%, 73%
CMY	0.0000, 0.2470, 0.2667
CMYK	0.00, 0.25, 0.27, 0.00
HSL	4°, 100%, 87%
HSV	4°, 27%, 100%
XYZ	69.0593, 62.5471, 55.4467
YIQ	210.2670, 39.1530, 11.8010

Conversions

Conversions Part 2

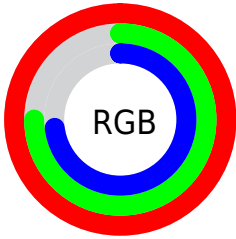
Format	Color
R _Y B	255, 192, 187
Decimal	16761019
CIE Lab	83.20, 21.90, 11.33
CIE LCh	83, 24.657, 27.353
Yxy	62.5471, 0.3692, 0.3344
Android (android.graphics.Color)	4294951099 (0xFFFFC0BB)
YUV	210.2670, -11.4706, 39.2308
Hunter-Lab	79.0867, 17.4662, 13.7932

Details

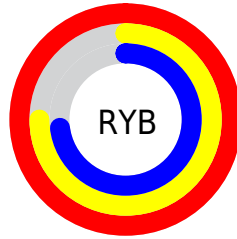
The XYZ color **69.0593, 62.5471, 55.4467** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7280, 86.1532, 107.4038**, and the grayscale version is **61.4903, 64.6925, 70.4502**.

A 20% lighter version of the original color is **91.2933, 95.4824, 98.4123**, and **36.4175, 31.7685, 26.7668** is the 20% darker color. If you saturate the color by 10%, you get **61.7908, 51.9979, 40.7304**, and if you desaturate by 10%, it is **77.6481, 74.9609, 72.9959**.

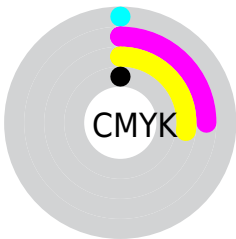
Distribution



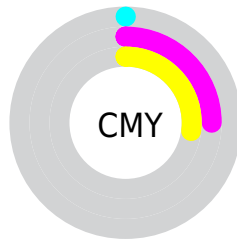
- Red (100%)
- Green (75%)
- Blue (73%)



- Red (100%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0593, 62.5471, 55.4467 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 69.0593, 62.5471, 55.4467 by changing the saturation by 10% instead.


 69.0593, 62.5471,
55.4467

 69.0593, 62.5471,
55.4467

446.5582,
433.9239, 424.9326

 51.0368, 45.4749,
39.3585


 116.8999,
108.5159, 99.6728

 36.4591, 31.8317,
26.7287


147.4487,
138.1812, 128.6478

 24.9607, 21.2330,
17.1390

182.9036,
172.8131, 162.7555

 16.1764, 13.2944,
10.1706

223.6301,
212.7959, 202.4143

 9.7407, 7.6316,
5.4051

269.9934,
258.5139, 248.0429

 5.2883, 3.8601,
2.4240

322.3590,

 2.4539, 1.5956,

310.3517, 300.0598

0.7995

381.0921,
368.6936, 358.8835

■ 0.8721, 0.3546,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.0593, 62.5471,
55.4467

■ 69.0593, 62.5471,
55.4467

■ 61.7908, 51.9979,
40.7304

■ 77.6481, 74.9609,
72.9959

■ 55.7728, 43.2151,
28.6949

■ 87.6133, 89.3141,
93.5117

■ 50.9359, 36.1047,
19.1797

95.0500, 100.0000,
108.9000

■ 47.2021, 30.5605,
12.0056

■ 44.4840, 26.4639,
6.9697

■ 42.6808, 23.6796,
3.8346

■ 41.6704, 22.0463,
2.3032

■ 41.4690, 21.7179,
2.0063

Harmonies

Analogous

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



70.3255, 62.5471, 69.4723



69.0593, 62.5471, 55.4467



65.1714, 62.5471, 46.1917

Triad

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



69.0593, 62.5471, 55.4467



51.2033, 62.5471, 53.4180



58.9755, 62.5471, 101.9653

Complementary

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



69.0593, 62.5471, 55.4467



72.7280, 86.1532, 107.4038

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.



54.0720, 62.5471, 96.0353



69.0593, 62.5471, 55.4467



49.7563, 62.5471, 66.7521

Square

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



69.0593, 62.5471, 55.4467



54.8479, 62.5471, 45.1497



50.7746, 62.5471, 82.5524



64.3008, 62.5471, 97.7558

Rectangle

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



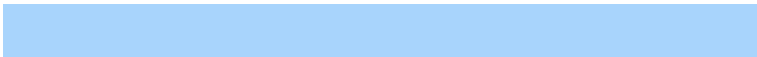
69.0593, 62.5471, 55.4467



61.7293, 62.5471, 43.2174



50.7746, 62.5471, 82.5524



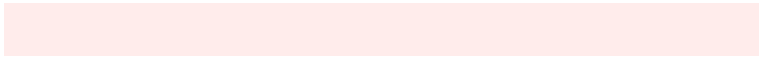
57.2258, 62.5471, 101.0738

Sweetspot

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



69.0608, 62.5499, 55.4480



86.2023, 87.2844, 90.5988



76.3393, 63.7327, 99.1048



18.1167, 18.2016, 18.7027



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.



69.0608, 62.5499, 55.4480



65.0232, 56.6958, 47.2547



77.2796, 78.9875, 58.1876



18.1167, 18.2016, 18.7027



21.7069, 11.4249, 1.0612



2.1491, 1.1835, 0.1152

Inverse Universe

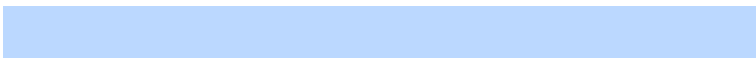
The Inverse Universe completely reimagines the original color for something new.



72.7280, 86.1532, 107.4038



69.2460, 83.8976, 107.1520



63.2197, 67.1366, 104.2344



18.4337, 20.2390, 23.1849



25.1880, 35.2856, 54.9178



2.4853, 3.5012, 5.3581

Previews

White Background



This preview shows how the XYZ color 69.0593, 62.5471, 55.4467 looks on a white background.

Color Contrast Check

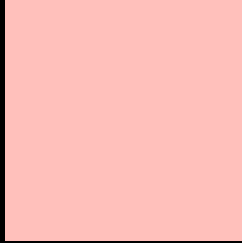
Large Text (above 18pt) WCAG AA × Fail

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 69.0593, 62.5471, 55.4467 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 69.0593, 62.5471, 55.4467

Background



This preview shows how black text looks on a background with the XYZ color 69.0593, 62.5471, 55.4467.



This preview shows how white text looks on a background with the XYZ color 69.0593, 62.5471,

55.4467.

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

69.0593, 62.5471, 55.4467

Protanopia

59.8947, 62.8619, 60.6065

Deuteranopia

64.0033, 62.6442, 54.6171



Tritanopia

70.5525, 62.4465, 65.4616

Trichromacy



Original Color

69.0593, 62.5471, 55.4467

Protanomaly

62.9481, 62.7048, 58.6547

Deuteranomaly

65.7913, 62.5324, 55.0567

Tritanomaly

70.0638, 62.5988, 61.8161

Monochromacy



Original Color

69.0593, 62.5471, 55.4467

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.3806, 63.1449, 64.7248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0593, 62.5471, 55.4467 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(255, 192, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 187)  
}
```

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(255, 192, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 187) }
```

Border

The CSS property to change the border of an element to XYZ 69.0593, 62.5471, 55.4467 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(255, 192, 187) }
```


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

```
.border{ border-color:rgb(255, 192, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0593, 62.5471, 55.4467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 187) }
```

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

```
.background{ background-color: rgb(255,  
192, 187) }
```

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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