

Converting Colors

XYZ(121.7659, 89.8501,
58.6686)

Have a look what the booklet for
XYZ(121.7659, 89.8501, 58.6686)
contains.

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Color

**XYZ(69.1667, 62.5901,
56.0126)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0BC
RGB	255, 192, 188
RGB Percent	100%, 75%, 74%
CMY	0.0000, 0.2470, 0.2627
CMYK	0.00, 0.25, 0.26, 0.00
HSL	4°, 100%, 87%
HSV	4°, 26%, 100%
XYZ	69.1667, 62.5901, 56.0126
YIQ	210.3810, 38.8320, 12.1120

Conversions

Conversions Part 2

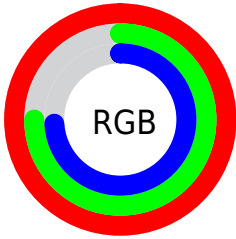
Format	Color
R _Y B	255, 192, 188
Decimal	16761020
CIE Lab	83.23, 22.04, 10.83
CIE LCh	83, 24.551, 26.167
Yxy	62.5901, 0.3684, 0.3333
Android (android.graphics.Color)	4294951100 (0xFFFFC0BC)
YUV	210.3810, -11.0338, 39.1309
Hunter-Lab	79.1139, 17.6074, 13.4024

Details

The XYZ color **69.1667, 62.5901, 56.0126** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2851, 86.9029, 107.5191**, and the grayscale version is **61.5627, 64.7687, 70.5332**.

A 20% lighter version of the original color is **91.4448, 95.5430, 99.2099**, and **36.4876, 31.7965, 27.1359** is the 20% darker color. If you saturate the color by 10%, you get **61.8146, 51.9031, 41.1769**, and if you desaturate by 10%, it is **77.8653, 75.1922, 73.6946**.

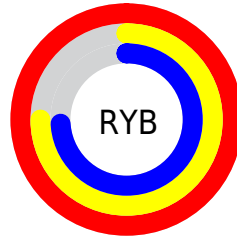
Distribution



Red (100%)

Green (75%)

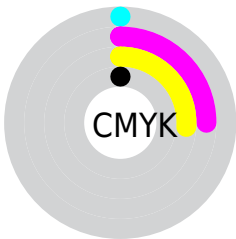
Blue (74%)



Red (100%)

Yellow (75%)

Blue (74%)

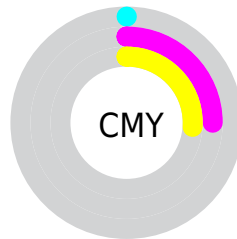


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1667, 62.5901, 56.0126 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 69.1667, 62.5901, 56.0126 by changing the saturation by 10% instead.


 69.1667, 62.5901,
56.0126

 69.1667, 62.5901,
56.0126


446.9309,
434.0803, 427.1286

 51.1246, 45.5097,
39.8090

 117.0524,
108.5779, 100.5090

 36.5292, 31.8591,
27.0770


147.6267,
138.2541, 129.6388

 25.0152, 21.2539,
17.3981


183.1092,
172.8977, 163.9144

 16.2172, 13.3097,
10.3538

223.8651,
212.8931, 203.7544

 9.7698, 7.6422,
5.5255

270.2599,
258.6247, 249.5773

 5.3077, 3.8668,
2.4947

322.6589,

 2.4655, 1.5994,

310.4768, 301.8016

0.8373

381.4274,
368.8339, 360.8458

0.8779, 0.3572,
0.0000

0.0000, 0.0000,
0.0000

69.1667, 62.5901,
56.0126

69.1667, 62.5901,
56.0126

61.8146, 51.9031,
41.1769

77.8653, 75.1922,
73.6946

55.7370, 43.0293,
29.0353

87.9679, 89.7874,
94.3568

50.8629, 35.8708,
19.4271

95.0500, 100.0000,
108.9000

47.1121, 30.3165,
12.1730

■ 44.3946, 26.2428,
7.0703

■ 42.6066, 23.5077,
3.8820

■ 41.6223, 21.9414,
2.3142

■ 41.4143, 21.6085,
1.9881

Harmonies

Analogous

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



70.3086, 62.5901, 70.1300



69.1667, 62.5901, 56.0126



65.3783, 62.5901, 46.5678

Triad

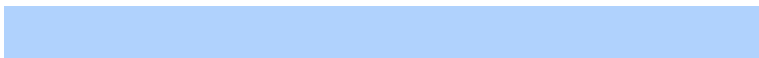
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1667, 62.5901, 56.0126



51.3793, 62.5901, 53.0846



58.8078, 62.5901, 101.8167

Complementary

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



69.1667, 62.5901, 56.0126



73.2851, 86.9029, 107.5191

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.



53.9664, 62.5901, 95.5429



69.1667, 62.5901, 56.0126



49.8424, 62.5901, 66.2076

Square

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



69.1667, 62.5901, 56.0126



55.0855, 62.5901, 45.0628



50.7608, 62.5901, 81.9251



64.1233, 62.5901, 98.0207

Rectangle

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



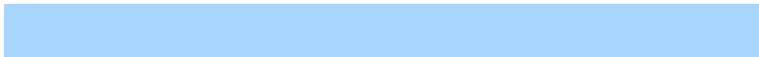
69.1667, 62.5901, 56.0126



61.9732, 62.5901, 43.4460



50.7608, 62.5901, 81.9251



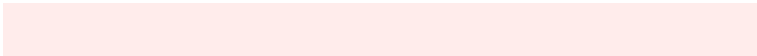
57.0741, 62.5901, 100.7938

Sweetspot

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



69.1683, 62.5930, 56.0139



86.1211, 87.1220, 90.5718



76.7388, 64.2332, 100.1587



18.0965, 18.1612, 18.6960



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.



69.1683, 62.5930, 56.0139



64.7973, 56.2441, 47.1794



77.2021, 78.6606, 58.6918



18.0965, 18.1612, 18.6960



21.6735, 11.3582, 1.0500



2.1395, 1.1643, 0.1120

Inverse Universe

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



73.2851, 86.9029, 107.5191



69.5958, 84.5972, 107.2685



63.8999, 68.1326, 104.3908



18.4564, 20.2844, 23.1925



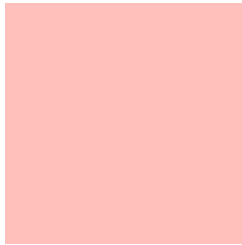
25.7160, 36.3416, 55.0938



2.5310, 3.5927, 5.3733

Previews

White Background



This preview shows how the XYZ color 69.1667, 62.5901, 56.0126 looks on a white background.

Color Contrast Check

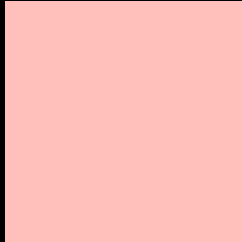
Large Text (above 18pt) WCAG AA × Fail

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 69.1667, 62.5901, 56.0126 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 69.1667, 62.5901, 56.0126

Background



This preview shows how black text looks on a background with the XYZ color 69.1667, 62.5901, 56.0126.



This preview shows how white text looks on a background with the XYZ color 69.1667, 62.5901,

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

69.1667, 62.5901, 56.0126

Protanopia

60.0082, 62.9073, 61.2041

Deuteranopia

63.7782, 62.5159, 55.1597



Tritanopia

70.5525, 62.4465, 65.4616

Trichromacy



Original Color

69.1667, 62.5901, 56.0126

Protanomaly

63.0593, 62.7493, 59.2403

Deuteranomaly

65.5538, 62.3976, 55.6026

Tritanomaly

70.0638, 62.5988, 61.8161

Monochromacy



Original Color

69.1667, 62.5901, 56.0126

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 69.1667, 62.5901, 56.0126 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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(255, 192, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 188) }
```

Border

The CSS property to change the border of an element to XYZ 69.1667, 62.5901, 56.0126 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, 188) }
```


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

```
.border{ border-color:rgb(255, 192, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1667, 62.5901, 56.0126 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, 188) }
```

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

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