

Converting Colors

XYZ(69.7341, 60.5220, 49.5566)

Have a look what the booklet for
XYZ(69.7341, 60.5220, 49.5566)
contains.

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Color

**XYZ(66.3163, 58.7153,
49.4329)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8B1
RGB	255, 184, 177
RGB Percent	100%, 72%, 69%
CMY	0.0000, 0.2784, 0.3059
CMYK	0.00, 0.28, 0.31, 0.00
HSL	5°, 100%, 85%
HSV	5°, 31%, 100%
XYZ	66.3163, 58.7153, 49.4329
YIQ	204.4310, 44.5630, 12.8750

Conversions

Conversions Part 2

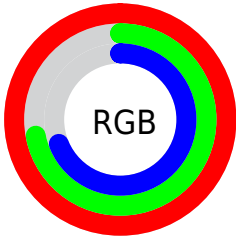
Format	Color
R _Y B	255, 185, 177
Decimal	16758961
CIE Lab	81.13, 24.79, 13.76
CIE LCh	81, 28.348, 29.037
Yxy	58.7153, 0.3801, 0.3365
Android (android.graphics.Color)	4294949041 (0xFFFFB8B1)
YUV	204.4310, -13.5235, 44.3490
Hunter-Lab	76.6259, 20.3884, 15.3890

Details

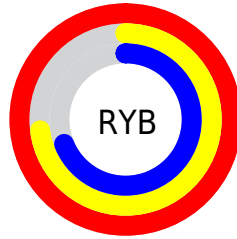
The XYZ color **66.3163, 58.7153, 49.4329** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7476, 83.6990, 107.0872**, and the grayscale version is **57.7317, 60.7383, 66.1440**.

A 20% lighter version of the original color is **87.1081, 89.4634, 89.7679**, and **34.7803, 29.5582, 22.9410** is the 20% darker color. If you saturate the color by 10%, you get **59.5761, 48.9294, 35.7964**, and if you desaturate by 10%, it is **74.3254, 70.2786, 65.8366**.

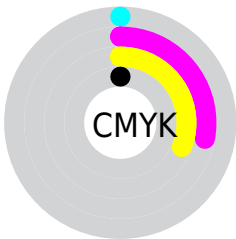
Distribution



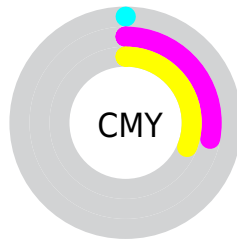
- Red (100%)
- Green (72%)
- Blue (69%)



- Red (100%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (28%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3163, 58.7153, 49.4329 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 66.3163, 58.7153, 49.4329 by changing the saturation by 10% instead.


 66.3163, 58.7153,
49.4329

 66.3163, 58.7153,
49.4329


436.9781,
419.8460, 401.1154

 48.7979, 42.3840,
34.5950


 112.9954,
102.9638, 90.7217

 34.6730, 29.4021,
23.0700


142.8868,
131.6497, 118.0097

 23.5765, 19.3852,
14.4394


177.6332,
165.2226, 150.2847

 15.1428, 11.9489,
8.2847

217.6000,
204.0670, 187.9654

 9.0066, 6.7089,
4.1873

263.1525,
248.5671, 231.4703

 4.8026, 3.2807,
1.7286

314.6561,

 2.1655, 1.2800,

299.1074, 281.2179

0.3802

372.4762,
356.0722, 337.6268

■ 0.7245, 0.1256,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3163, 58.7153,
49.4329

■ 66.3163, 58.7153,
49.4329

■ 59.5761, 48.9294,
35.7964

■ 74.3254, 70.2786,
65.8366

■ 54.0353, 40.8250,
24.7712

■ 83.6593, 83.6926,
85.1448

■ 49.6245, 34.3097,
16.1911

■ 94.3760, 99.0366,
107.4896

■ 46.2654, 29.2788,
9.8698

■ 95.0500, 100.0000,
108.9000

■ 43.8696, 25.6151,
5.5935

■ 42.3337, 23.1835,
3.1079

■ 41.5444, 21.8689,
2.0315

Harmonies

Analogous

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



67.9258, 58.7153, 64.4784



66.3163, 58.7153, 49.4329



61.8448, 58.7153, 39.9379

Triad

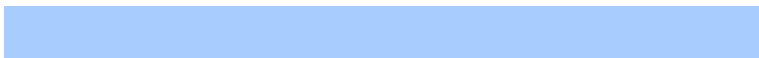
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.3163, 58.7153, 49.4329



46.6403, 58.7153, 48.6406



55.6167, 58.7153, 102.1945

Complementary

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



66.3163, 58.7153, 49.4329



69.7476, 83.6990, 107.0872

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.



50.1758, 58.7153, 96.0053



66.3163, 58.7153, 49.4329



45.2230, 58.7153, 63.3866

Square

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



66.3163, 58.7153, 49.4329



50.4840, 58.7153, 39.5403



46.4714, 58.7153, 81.0182



61.4919, 58.7153, 96.7229

Rectangle

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



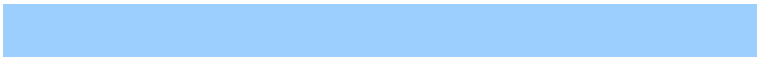
66.3163, 58.7153, 49.4329



57.9909, 58.7153, 37.0621



46.4714, 58.7153, 81.0182



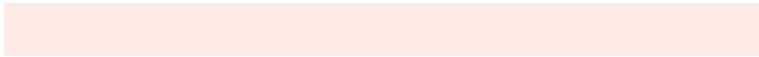
53.6789, 58.7153, 101.3928

Sweetspot

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



66.3178, 58.7180, 49.4341



85.2671, 85.9980, 88.4864



73.9834, 59.5132, 96.8021



17.9350, 17.9545, 18.2837



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.



66.3178, 58.7180, 49.4341



61.8532, 52.2428, 40.3805



75.4304, 76.9432, 52.4716



18.1405, 18.2492, 18.7107



21.7520, 11.5152, 1.0762



2.1603, 1.2059, 0.1189

Inverse Universe

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



69.7476, 83.6990, 107.0872



65.7936, 80.9930, 106.7733



59.1053, 62.4143, 103.5397



18.4072, 20.1859, 23.1761



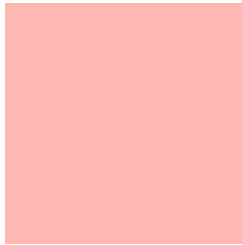
24.5818, 34.0732, 54.7158



2.4326, 3.3959, 5.3405

Previews

White Background



This preview shows how the XYZ color 66.3163, 58.7153, 49.4329 looks on a white background.

Color Contrast Check

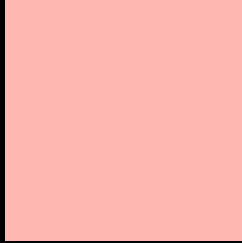
Large Text (above 18pt) WCAG AA × Fail

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 66.3163, 58.7153, 49.4329 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 66.3163, 58.7153, 49.4329

Background



This preview shows how black text looks on a background with the XYZ color 66.3163, 58.7153, 49.4329.



This preview shows how white text looks on a background with the XYZ color 66.3163, 58.7153,

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

66.3163, 58.7153, 49.4329

Protanopia

56.0441, 58.8738, 54.8643

Deuteranopia

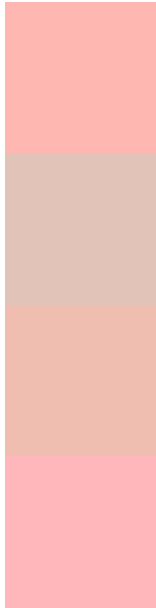
59.9846, 58.6676, 48.7199



Tritanopia

67.8183, 58.6560, 59.3771

Trichromacy



Original Color

66.3163, 58.7153, 49.4329

Protanomaly

59.4264, 58.6179, 52.9820

Deuteranomaly

62.1851, 58.4868, 49.0859

Tritanomaly

67.2506, 58.7578, 55.3739

Monochromacy



Original Color

66.3163, 58.7153, 49.4329

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.1353, 59.5155, 59.3571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3163, 58.7153, 49.4329 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, 184, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 177)  
}
```

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, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 177) }
```

Border

The CSS property to change the border of an element to XYZ 66.3163, 58.7153, 49.4329 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, 184, 177) }
```


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

```
.border{ border-color:rgb(255, 184, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3163, 58.7153, 49.4329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 177) }
```

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

```
.background{ background-color: rgb(255,  
184, 177) }
```

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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