

# Converting Colors

XYZ(67.5897, 60.1836, 53.1821)

Have a look what the booklet for  
XYZ(67.5897, 60.1836, 53.1821)  
contains.

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# Color

**XYZ(67.6621, 60.2613,  
53.4128)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBBB8
RGB	255, 187, 184
RGB Percent	100%, 73%, 72%
CMY	0.0000, 0.2666, 0.2784
CMYK	0.00, 0.27, 0.28, 0.00
HSL	3°, 100%, 86%
HSV	3°, 28%, 100%
XYZ	67.6621, 60.2613, 53.4128
YIQ	206.9900, 41.4910, 13.4830

# Conversions

## Conversions Part 2

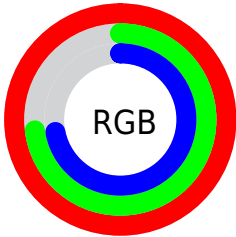
Format	Color
R <sub>Y</sub> B	255, 187, 184
Decimal	16759736
CIE Lab	81.98, 24.12, 11.20
CIE LCh	82, 26.594, 24.900
Yxy	60.2613, 0.3731, 0.3323
Android (android.graphics.Color)	4294949816 (0xFFFFBBB8)
YUV	206.9900, -11.3341, 42.1048
Hunter-Lab	77.6282, 19.7346, 13.5446

# Details

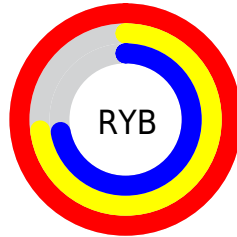
The XYZ color **67.6621, 60.2613, 53.4128** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.6264, 87.0283, 107.5781**, and the grayscale version is **59.3550, 62.4461, 68.0037**.

A 20% lighter version of the original color is **89.0188, 91.6525, 95.4370**, and **35.5102, 30.2841, 25.4465** is the 20% darker color. If you saturate the color by 10%, you get **60.4785, 49.7933, 38.9980**, and if you desaturate by 10%, it is **76.2113, 72.6893, 70.6612**.

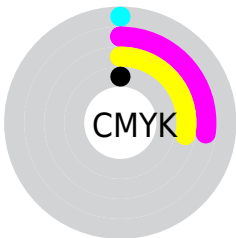
# Distribution



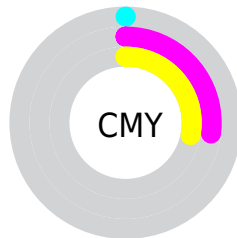
- Red (100%)
- Green (73%)
- Blue (72%)



- Red (100%)
- Yellow (73%)
- Blue (72%)



- Cyan (0%)
- Magenta (27%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6621, 60.2613, 53.4128 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 67.6621, 60.2613, 53.4128 by changing the saturation by 10% instead.





 67.6621, 60.2613,  
53.4128

 67.6621, 60.2613,  
53.4128


441.6934,  
425.5602, 416.9780

 49.8956, 43.6293,  
37.7424


 114.9132,  
105.2086, 96.6592

 35.5479, 30.3792,  
25.4826


145.1284,  
134.2927, 125.0723

 24.2537, 20.1266,  
16.2147


180.2240,  
168.2963, 158.5701

 15.6477, 12.4871,  
9.5202

220.5652,  
207.6038, 197.5711

 9.3645, 7.0763,  
4.9806

266.5174,  
252.5995, 242.4939

 5.0387, 3.5099,  
2.1773

318.4459,

 2.3050, 1.4034,

303.6679, 293.7569

0.6612

376.7161,  
361.1933, 351.7788

0.7972, 0.2192,  
0.0000

0.0000, 0.0000,  
0.0000

67.6621, 60.2613,  
53.4128

67.6621, 60.2613,  
53.4128

60.4785, 49.7933,  
38.9980

76.2113, 72.6893,  
70.6612

54.5858, 41.1777,  
27.2619

86.1872, 87.1615,  
90.8796

49.9088, 34.3090,  
18.0404

95.0500, 100.0000,  
108.9000

46.3624, 29.0679,  
11.1500

■ 43.8508, 25.3198,  
6.3820

■ 42.2625, 22.9092,  
3.4909

■ 41.4563, 21.6444,  
2.1508

■ 41.3573, 21.4946,  
1.9691

# Harmonies

## Analogous

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



68.7439, 60.2613, 68.4076



67.6621, 60.2613, 53.4128



63.7261, 60.2613, 43.3866

# Triad

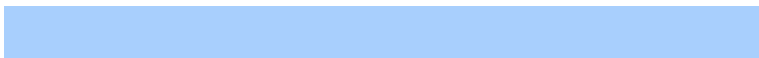
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6621, 60.2613, 53.4128



48.8723, 60.2613, 49.3604



56.3201, 60.2613, 101.5724

# Complementary

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



67.6621, 60.2613, 53.4128



72.6264, 87.0283, 107.5781

# 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.



51.2775, 60.2613, 94.3728



67.6621, 60.2613, 53.4128



47.1611, 60.2613, 62.8982

# Square

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



67.6621, 60.2613, 53.4128



52.8406, 60.2613, 41.3293



48.0121, 60.2613, 79.5454



61.9541, 60.2613, 97.9263



# Rectangle

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



67.6621, 60.2613, 53.4128



60.1417, 60.2613, 40.0130



48.0121, 60.2613, 79.5454



54.5039, 60.2613, 100.3101

# Sweetspot

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



67.6635, 60.2640, 53.4140



86.0188, 86.9174, 90.5377



76.0520, 62.6100, 100.6992



18.0710, 18.1102, 18.6875



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.



67.6635, 60.2640, 53.4140



63.7921, 54.6259, 45.6348



75.9779, 76.8928, 56.1855



18.0710, 18.1102, 18.6875



21.6366, 11.2845, 1.0378



2.1274, 1.1402, 0.1080



# Inverse Universe

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



72.6264, 87.0283, 107.5781



69.4463, 85.1298, 107.3792



62.6649, 67.1054, 104.2576



18.4851, 20.3418, 23.2020



26.3972, 37.7039, 55.3209



2.5898, 3.7104, 5.3929



# Previews

## White Background



This preview shows how the XYZ color 67.6621, 60.2613, 53.4128 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

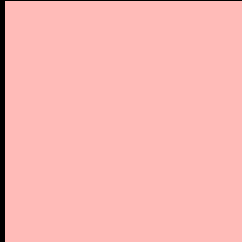
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 67.6621, 60.2613, 53.4128 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 67.6621, 60.2613, 53.4128**

## **Background**



This preview shows how black text looks on a background with the XYZ color 67.6621, 60.2613, 53.4128.



This preview shows how white text looks on a background with the XYZ color 67.6621, 60.2613,



# 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

67.6621, 60.2613, 53.4128

### Protanopia

57.8455, 60.4110, 59.0638

### Deuteranopia

61.6885, 60.4657, 52.6757



## Tritanopia

68.8978, 60.0814, 61.9984

# Trichromacy



## Original Color

67.6621, 60.2613, 53.4128

## Protanomaly

60.9391, 59.9811, 57.0809

## Deuteranomaly

63.5524, 60.0841, 53.0476

## Tritanomaly

68.5365, 60.2729, 59.0605

# Monochromacy



## Original Color

67.6621, 60.2613, 53.4128

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

61.7035, 61.2794, 62.6088

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 67.6621, 60.2613, 53.4128 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, 187, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 184)  
}
```

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, 187, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 67.6621, 60.2613, 53.4128 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, 187, 184) }
```



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

```
.border{ border-color:rgb(255, 187, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 67.6621, 60.2613, 53.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 184) }
```

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

```
.background{ background-color: rgb(255,  
187, 184) }
```

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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