

Converting Colors

XYZ(78.0817, 66.0437, 54.0326)

Have a look what the booklet for
XYZ(78.0817, 66.0437, 54.0326)
contains.

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Color

**XYZ(67.8749, 60.6871,
53.4838)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCB8
RGB	255, 188, 184
RGB Percent	100%, 74%, 72%
CMY	0.0000, 0.2627, 0.2784
CMYK	0.00, 0.26, 0.28, 0.00
HSL	3°, 100%, 86%
HSV	3°, 28%, 100%
XYZ	67.8749, 60.6871, 53.4838
YIQ	207.5770, 41.2160, 12.9600

Conversions

Conversions Part 2

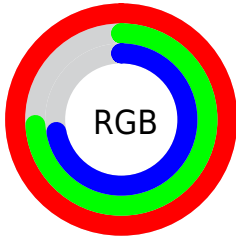
Format	Color
R _Y B	255, 188, 184
Decimal	16759992
CIE Lab	82.21, 23.60, 11.52
CIE LCh	82, 26.261, 26.030
Yxy	60.6871, 0.3728, 0.3334
Android (android.graphics.Color)	4294950072 (0xFFFFBCB8)
YUV	207.5770, -11.6235, 41.5900
Hunter-Lab	77.9019, 19.1963, 13.8256

Details

The XYZ color **67.8749, 60.6871, 53.4838** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3131, 86.4018, 107.4736**, and the grayscale version is **59.7359, 62.8468, 68.4402**.

A 20% lighter version of the original color is **89.6206, 92.8561, 95.6376**, and **35.6478, 30.5592, 25.4924** is the 20% darker color. If you saturate the color by 10%, you get **60.7204, 50.2771, 39.0786**, and if you desaturate by 10%, it is **76.3713, 73.0093, 70.7146**.

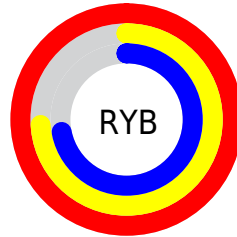
Distribution



Red (100%)

Green (74%)

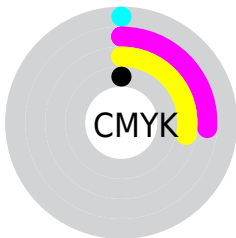
Blue (72%)



Red (100%)

Yellow (74%)

Blue (72%)

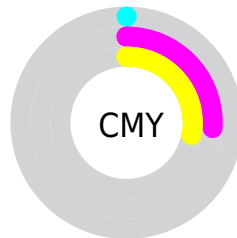


Cyan (0%)

Magenta (26%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8749, 60.6871, 53.4838 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 67.8749, 60.6871, 53.4838 by changing the saturation by 10% instead.


 67.8749, 60.6871,
53.4838

 67.8749, 60.6871,
53.4838


442.4363,
427.1258, 417.2573

 50.0693, 43.9727,
37.7988


 115.2161,
105.8258, 96.7646

 35.6865, 30.6490,
25.5259


145.4823,
135.0188, 125.1975

 24.3611, 20.3318,
16.2467


180.6328,
169.1402, 158.7168

 15.7279, 12.6364,
9.5427

221.0329,
208.5742, 197.7409

 9.4214, 7.1787,
4.9952

267.0479,
253.7055, 242.6885

 5.0764, 3.5741,
2.1858

319.0433,

 2.3274, 1.4383,

304.9182, 293.9781

0.6661

377.3843,
362.5968, 352.0282

■ 0.8086, 0.2447,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.8749, 60.6871,
53.4838

■ 67.8749, 60.6871,
53.4838

■ 60.7204, 50.2771,
39.0786

■ 76.3713, 73.0093,
70.7146

■ 54.8348, 41.6755,
27.3449

■ 86.2684, 87.3238,
90.9067

■ 50.1452, 34.7818,
18.1193

95.0500, 100.0000,
108.9000

■ 46.5694, 29.4820,
11.2190

■ 44.0151, 25.6483,
6.4368

■ 42.3746, 23.1334,
3.5282

■ 41.5129, 21.7575,
2.1696

■ 41.4023, 21.5845,
1.9841

Harmonies

Analogous

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



69.0667, 60.6871, 68.2295



67.8749, 60.6871, 53.4838



63.8898, 60.6871, 43.7201

Triad

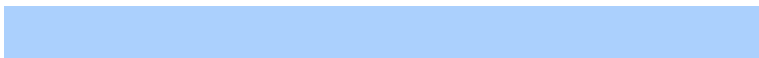
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8749, 60.6871, 53.4838



49.2287, 60.6871, 50.3451



56.9412, 60.6871, 101.7377

Complementary

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



67.8749, 60.6871, 53.4838



72.3131, 86.4018, 107.4736

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.



51.8886, 60.6871, 94.9945



67.8749, 60.6871, 53.4838



47.6213, 60.6871, 63.9721

Square

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



67.8749, 60.6871, 53.4838



53.0975, 60.6871, 42.1236



48.5630, 60.6871, 80.5085



62.5215, 60.6871, 97.7318

Rectangle

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



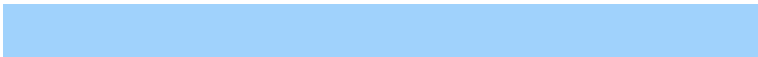
67.8749, 60.6871, 53.4838



60.3119, 60.6871, 40.5084



48.5630, 60.6871, 80.5085



55.1283, 60.6871, 100.6277

Sweetspot

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



67.8765, 60.6899, 53.4850



86.1014, 87.0825, 90.5652



75.8644, 62.5350, 99.7112



18.0916, 18.1513, 18.6944



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.



67.8765, 60.6899, 53.4850



64.0228, 55.0873, 45.7117



76.2931, 77.5232, 56.2906



18.0916, 18.1513, 18.6944



21.6660, 11.3433, 1.0476



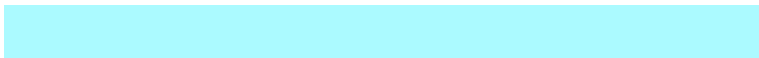
2.1372, 1.1597, 0.1112

Inverse Universe

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



72.3131, 86.4018, 107.4736



69.0763, 84.3898, 107.2559



62.3608, 66.4970, 104.1562



18.4619, 20.2955, 23.1943



25.8462, 36.6019, 55.1372



2.5422, 3.6152, 5.3771

Previews

White Background



This preview shows how the XYZ color 67.8749, 60.6871, 53.4838 looks on a white background.

Color Contrast Check

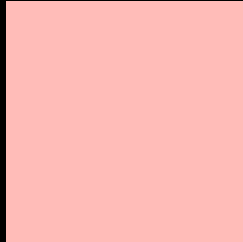
Large Text (above 18pt) WCAG AA × Fail

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 67.8749, 60.6871, 53.4838 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 67.8749, 60.6871, 53.4838

Background



This preview shows how black text looks on a background with the XYZ color 67.8749, 60.6871, 53.4838.



This preview shows how white text looks on a background with the XYZ color 67.8749, 60.6871,

53.4838.

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

67.8749, 60.6871, 53.4838

Protanopia

58.0825, 60.8849, 59.1428

Deuteranopia

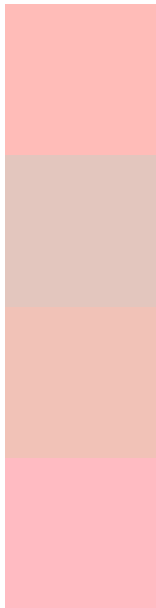
62.0140, 60.6335, 52.6909



Tritanopia

69.2242, 60.5479, 62.6820

Trichromacy



Original Color

67.8749, 60.6871, 53.4838

Protanomaly

61.1669, 60.4368, 57.1568

Deuteranomaly

64.1147, 60.7032, 53.1374

Tritanomaly

68.7479, 60.6957, 59.1310

Monochromacy



Original Color

67.8749, 60.6871, 53.4838

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.2468, 61.9044, 62.7008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8749, 60.6871, 53.4838 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, 188, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 184) }
```

Border

The CSS property to change the border of an element to XYZ 67.8749, 60.6871, 53.4838 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, 188, 184) }
```


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

```
.border{ border-color:rgb(255, 188, 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, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8749, 60.6871, 53.4838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 184) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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