

Converting Colors

XYZ(85.1599, 68.8679, 56.2011)

Have a look what the booklet for
XYZ(85.1599, 68.8679, 56.2011)
contains.

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Color

**XYZ(67.8760, 60.0087,
55.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBABC
RGB	255, 186, 188
RGB Percent	100%, 73%, 74%
CMY	0.0000, 0.2706, 0.2627
CMYK	0.00, 0.27, 0.26, 0.00
HSL	358°, 100%, 86%
HSV	358°, 27%, 100%
XYZ	67.8760, 60.0087, 55.5823
YIQ	206.8590, 40.4820, 15.2500

Conversions

Conversions Part 2

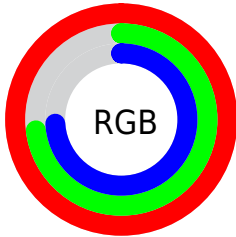
Format	Color
R _Y B	255, 186, 188
Decimal	16759484
CIE Lab	81.84, 25.18, 8.85
CIE LCh	82, 26.694, 19.370
Yxy	60.0087, 0.3700, 0.3271
Android (android.graphics.Color)	4294949564 (0xFFFFBABC)
YUV	206.8590, -9.2975, 42.2197
Hunter-Lab	77.4653, 20.8396, 11.6844

Details

The XYZ color **67.8760, 60.0087, 55.5823** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7417, 89.0521, 106.2351**, and the grayscale version is **59.2585, 62.3446, 67.8932**.

A 20% lighter version of the original color is **89.3213, 91.2959, 98.5021**, and **35.6504, 30.1221, 26.8568** is the 20% darker color. If you saturate the color by 10%, you get **60.5311, 49.2305, 41.0746**, and if you desaturate by 10%, it is **76.6406, 72.8927, 72.8242**.

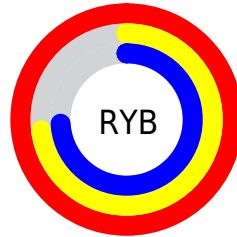
Distribution



Red (100%)

Green (73%)

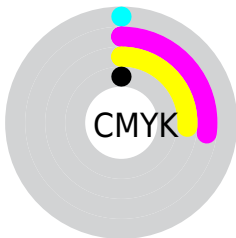
Blue (74%)



Red (100%)

Yellow (73%)

Blue (74%)

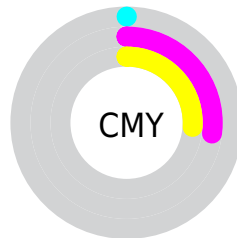


Cyan (0%)

Magenta (27%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8760, 60.0087, 55.5823 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 67.8760, 60.0087, 55.5823 by changing the saturation by 10% instead.


 67.8760, 60.0087,
55.5823

 67.8760, 60.0087,
55.5823

442.4402,
424.6298, 425.4595

 50.0702, 43.4256,
39.4664


 115.2176,
104.8423, 99.8733

 35.6872, 30.2192,
26.8121

145.4841,
133.8616, 128.8854

 24.3617, 20.0050,
17.2010


180.6349,
167.7952, 163.0334

 15.7283, 12.3987,
10.2144

221.0353,
207.0273, 202.7357

 9.4217, 7.0158,
5.4339

267.0506,
251.9424, 248.4109

 5.0766, 3.4720,
2.4409

319.0463,

 2.3275, 1.3828,

302.9250, 300.4776

0.8086

377.3877,
360.3593, 359.3543

■ 0.8087, 0.2040,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.8760, 60.0087,
55.5823

■ 67.8760, 60.0087,
55.5823

■ 60.5311, 49.2305,
41.0746

■ 76.6406, 72.8927,
72.8242

■ 54.5269, 40.4386,
29.1573

■ 86.8892, 87.9774,
92.9266

■ 49.7838, 33.5140,
19.6791

95.0500, 100.0000,
108.9000

■ 46.2119, 28.3221,
12.4713

■ 43.7095, 24.7097,
7.3442

■ 42.1573, 22.4974,
4.0771

■ 41.4053, 21.4565,
2.3986

■ 41.2804, 21.2762,
2.1427

Harmonies

Analogous

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



68.3568, 60.0087, 71.2295



67.8760, 60.0087, 55.5823



64.3835, 60.0087, 44.5131

Triad

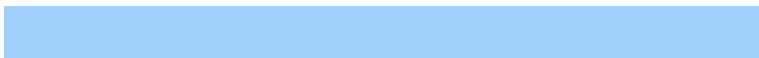
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8760, 60.0087, 55.5823



49.2055, 60.0087, 47.1514



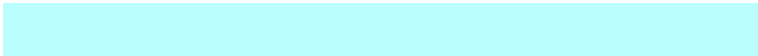
55.0619, 60.0087, 100.8111

Complementary

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



67.8760, 60.0087, 55.5823



73.7417, 89.0521, 106.2351

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.



50.2707, 60.0087, 91.8193



67.8760, 60.0087, 55.5823



47.0404, 60.0087, 59.7831

Square

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



67.8760, 60.0087, 55.5823



53.5193, 60.0087, 40.2285



47.4171, 60.0087, 76.1761



60.7045, 60.0087, 99.1864

Rectangle

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



67.8760, 60.0087, 55.5823



60.9381, 60.0087, 40.3976



47.4171, 60.0087, 76.1761



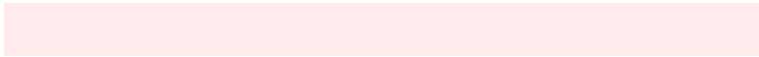
53.3051, 60.0087, 98.8786

Sweetspot

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



67.8775, 60.0115, 55.5835



85.8568, 86.4570, 90.9038



76.0092, 63.1670, 102.7941



18.0307, 17.9956, 18.7786



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.



67.8775, 60.0115, 55.5835



64.0731, 54.4258, 48.0777



75.2278, 75.0539, 56.9799



18.0307, 17.9956, 18.7786



21.5791, 11.1209, 1.1680



2.1082, 1.0857, 0.1514

Inverse Universe

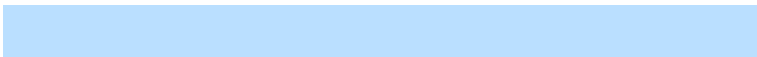
The Inverse Universe completely reimagines the original color for something new.



67.8775, 60.0115, 55.5835



64.0731, 54.4258, 48.0777



64.6364, 70.3301, 104.7761



18.0307, 17.9956, 18.7786



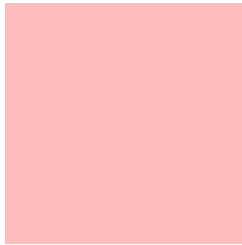
21.5791, 11.1209, 1.1680



2.1082, 1.0857, 0.1514

Previews

White Background



This preview shows how the XYZ color 67.8760, 60.0087, 55.5823 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 67.8760, 60.0087, 55.5823 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 67.8760, 60.0087, 55.5823

Background



This preview shows how black text looks on a background with the XYZ color 67.8760, 60.0087, 55.5823.



This preview shows how white text looks on a background with the XYZ color 67.8760, 60.0087,

55.5823.

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

67.8760, 60.0087, 55.5823

Protanopia

57.7285, 60.2984, 61.4195

Deuteranopia

61.4623, 60.3007, 54.8542



Tritanopia

68.8978, 60.0814, 61.9984

Trichromacy



Original Color

67.8760, 60.0087, 55.5823

Protanomaly

61.0679, 59.9963, 59.4008

Deuteranomaly

63.6362, 60.0785, 55.2560

Tritanomaly

68.4393, 59.8981, 59.5841

Monochromacy



Original Color

67.8760, 60.0087, 55.5823

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.5892, 60.8643, 63.1455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8760, 60.0087, 55.5823 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, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 188) }
```

Border

The CSS property to change the border of an element to XYZ 67.8760, 60.0087, 55.5823 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, 186, 188) }
```


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

```
.border{ border-color:rgb(255, 186, 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, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8760, 60.0087, 55.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 188) }
```

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

```
.background{ background-color: rgb(255,  
186, 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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