

Converting Colors

XYZ(70.3893, 60.7841, 61.0688)

Have a look what the booklet for
XYZ(70.3893, 60.7841, 61.0688)
contains.

XYZ(68.6670, 59.9891, 60.7832)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.6670, 59.9891,
60.7832)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFB9C5
RGB	255, 185, 197
RGB Percent	100%, 73%, 77%
CMY	0.0000, 0.2745, 0.2274
CMYK	0.00, 0.27, 0.23, 0.00
HSL	350°, 100%, 86%
HSV	350°, 27%, 100%
XYZ	68.6670, 59.9891, 60.7832
YIQ	207.2980, 37.8680, 18.5720

Conversions

Conversions Part 2

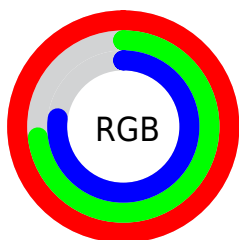
Format	Color
RYB	255, 185, 197
Decimal	16759237
CIELab	81.83, 26.96, 4.00
CIELCh	82, 27.253, 8.435
Yxy	59.9891, 0.3625, 0.3167
Android (android.graphics.Color)	4294949317 (0xFFFFB9C5)
YUV	207.2980, -5.0769, 41.8347
Hunter-Lab	77.4526, 22.7102, 7.6873

Details

The XYZ color **68.6670, 59.9891, 60.7832** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9475, 88.3064, 98.0507**, and the grayscale version is **59.5162, 62.6156, 68.1884**.

A 20% lighter version of the original color is **90.5847, 91.3264, 106.6194**, and **36.1002, 30.0861, 29.8911** is the 20% darker color. If you saturate the color by 10%, you get **61.5491, 49.3602, 47.2910**, and if you desaturate by 10%, it is **77.0838, 72.6724, 76.3841**.

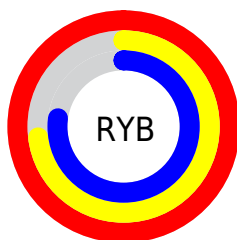
Distribution



Red (100%)

Green (73%)

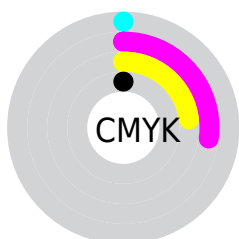
Blue (77%)



Red (100%)

Yellow (73%)

Blue (77%)

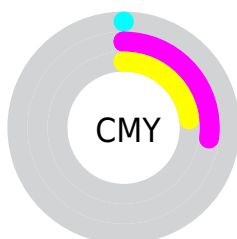


Cyan (0%)

Magenta (27%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.6670, 59.9891, 60.7832 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 68.6670, 59.9891, 60.7832 by changing the saturation by 10% instead.


 68.6670, 59.9891,
60.7832

 68.6670, 59.9891,
60.7832

445.1954,
424.5576, 445.3632

 50.7162, 43.4098,
43.6208


 116.3425,
104.8139, 107.5194

 36.2029, 30.2068,
30.0375


146.7979,
133.8282, 137.9304

 24.7618, 19.9956,
19.6148

182.1523,
167.7562, 173.5945

 16.0275, 12.3919,
11.9340

222.7709,
206.9825, 214.9305

 9.6346, 7.0111,
6.5768

269.0192,
251.8914, 262.3568

 5.2177, 3.4691,
3.1245


321.2625,


 2.4116, 1.3812,


302.8673, 316.2920


1.1585


379.8661,
360.2946, 377.1546


 0.8509, 0.2028,
0.0000


 0.0000, 0.0000,
0.0000

 68.6670, 59.9891,
60.7832


 68.6670, 59.9891,
60.7832

 61.5491, 49.3602,
47.2910


 77.0838, 72.6724,
76.3841

 55.6606, 40.6698,
35.8130

 86.8558, 87.5019,
94.1756

 50.9321, 33.8026,
26.2525

95.0500, 100.0000,
108.9000

 47.2852, 28.6281,
18.5037

■ 44.6318, 24.9980,
12.4499

■ 42.8692, 22.7384,
7.9605

■ 41.8669, 21.6238,
4.8830

■ 41.6890, 21.4396,
4.2944

Harmonies

Analogous

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



67.9291, 59.9891, 77.6597



68.6670, 59.9891, 60.7832



66.1230, 59.9891, 47.5478

Triad

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



68.6670, 59.9891, 60.7832



50.4183, 59.9891, 43.5243



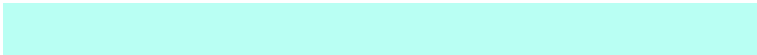
53.0503, 59.9891, 99.4075

Complementary

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



68.6670, 59.9891, 60.7832



71.9475, 88.3064, 98.0507

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.



48.7894, 59.9891, 87.0413



68.6670, 59.9891, 60.7832



47.3425, 59.9891, 54.3583

Square

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



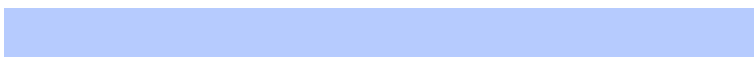
68.6670, 59.9891, 60.7832



55.4116, 59.9891, 38.7389



46.7668, 59.9891, 70.0728



58.6548, 59.9891, 101.9074

Rectangle

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



68.6670, 59.9891, 60.7832



63.0027, 59.9891, 41.8854



46.7668, 59.9891, 70.0728



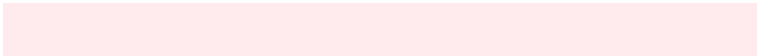
51.4246, 59.9891, 96.1776

Sweetspot

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



68.6684, 59.9918, 60.7844



86.2807, 86.6266, 93.1360



72.0758, 60.8275, 102.5498



18.1364, 18.0379, 19.3354



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.



68.6684, 59.9918, 60.7844



64.5602, 53.8434, 53.0392



72.3519, 69.4715, 55.4983



18.1364, 18.0379, 19.3354



21.8202, 11.2174, 2.4375



2.1581, 1.1056, 0.4140

Inverse Universe

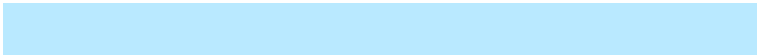
The Inverse Universe completely reimagines the original color for something new.



68.6684, 59.9918, 60.7844



64.5602, 53.8434, 53.0392



67.1514, 75.7197, 105.6838



18.1364, 18.0379, 19.3354



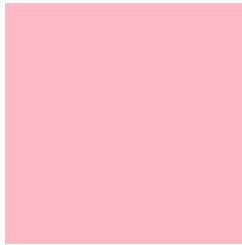
21.8202, 11.2174, 2.4375



2.1581, 1.1056, 0.4140

Previews

White Background



This preview shows how the XYZ color 68.6670, 59.9891, 60.7832 looks on a white background.

Color Contrast Check

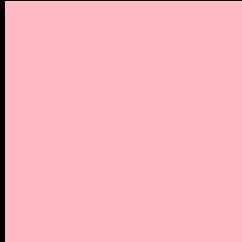
Large Text (above 18pt) WCAG AA × Fail

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 68.6670, 59.9891, 60.7832 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 68.6670, 59.9891, 60.7832

Background



This preview shows how black text looks on a background with the XYZ color 68.6670, 59.9891, 60.7832.



This preview shows how white text looks on a background with the XYZ color 68.6670, 59.9891,

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

68.6670, 59.9891, 60.7832

Protanopia

58.0720, 60.3387, 67.6173

Deuteranopia

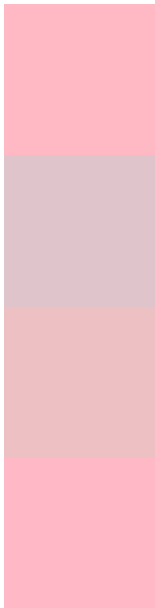
61.4951, 60.2035, 60.0091



Tritanopia

68.8978, 60.0814, 61.9984

Trichromacy



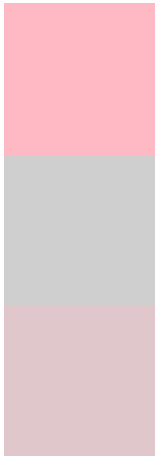
Original Color
68.6670, 59.9891, 60.7832

Protanomaly
61.2599, 59.6389, 64.7826

Deuteranomaly
63.9588, 60.1300, 60.4598

Tritanomaly
68.7820, 60.0351, 61.3888

Monochromacy



Original Color
68.6670, 59.9891, 60.7832

Achromatopsia
59.3074, 62.3960, 67.9493

Achromatomaly
61.9434, 61.0059, 65.0105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6670, 59.9891, 60.7832 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, 185, 197) looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 197)  
}
```

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, 185, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 197) }
```

Border

The CSS property to change the border of an element to XYZ 68.6670, 59.9891, 60.7832 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, 185, 197) }
```


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

```
.border{ border-color:rgb(255, 185, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 185, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6670, 59.9891, 60.7832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 197) }
```

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

```
.background{ background-color: rgb(255,  
185, 197) }
```

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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