

Converting Colors

XYZ(140.7147, 97.8192,
64.7559)

Have a look what the booklet for
XYZ(140.7147, 97.8192, 64.7559)
contains.

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Color

**XYZ(69.2034, 60.8779,
61.5293)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBC6
RGB	255, 187, 198
RGB Percent	100%, 73%, 78%
CMY	0.0000, 0.2666, 0.2235
CMYK	0.00, 0.27, 0.22, 0.00
HSL	350°, 100%, 87%
HSV	350°, 27%, 100%
XYZ	69.2034, 60.8779, 61.5293
YIQ	208.5860, 36.9970, 17.8370

Conversions

Conversions Part 2

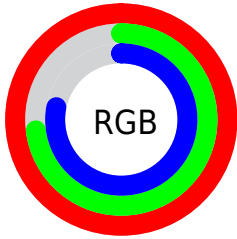
Format	Color
R _Y B	255, 187, 198
Decimal	16759750
CIE _{Lab}	82.31, 26.05, 4.16
CIE _{LCh}	82, 26.380, 9.063
Y _{xy}	60.8779, 0.3612, 0.3177
Android (android.graphics.Color)	4294949830 (0xFFFFBBC6)
Y _{UV}	208.5860, -5.2189, 40.7051
Hunter-Lab	78.0243, 21.7775, 7.8614

Details

The XYZ color **69.2034, 60.8779, 61.5293** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.5850, 88.6176, 98.8712**, and the grayscale version is **60.3521, 63.4951, 69.1461**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **36.4475, 30.6590, 30.3823** is the 20% darker color. If you saturate the color by 10%, you get **61.9720, 50.0865, 47.8006**, and if you desaturate by 10%, it is **77.7463, 73.7349, 77.4135**.

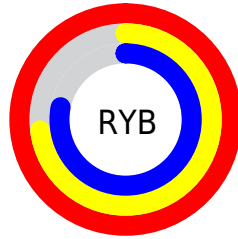
Distribution



Red (100%)

Green (73%)

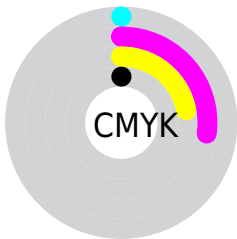
Blue (78%)



Red (100%)

Yellow (73%)

Blue (78%)

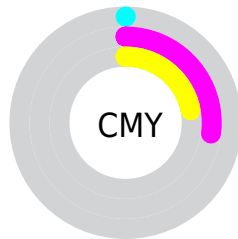


Cyan (0%)

Magenta (27%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2034, 60.8779, 61.5293 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 69.2034, 60.8779, 61.5293 by changing the saturation by 10% instead.


 69.2034, 60.8779,
61.5293

 69.2034, 60.8779,
61.5293


447.0582,
427.8262, 448.1722

 51.1546, 44.1266,
44.2191


 117.1045,
106.1021, 108.6099

 36.5532, 30.7701,
30.5044

147.6876,
135.3439, 139.2175

 25.0338, 20.4238,
19.9664


183.1794,
169.5179, 175.0946

 16.2311, 12.7035,
12.1868

223.9454,
209.0086, 216.6598

 9.7797, 7.2247,
6.7470

270.3510,
254.2004, 264.3316

 5.3143, 3.6030,
3.2283

322.7614,

 2.4695, 1.4541,

305.4777, 318.5286

1.2124

381.5420,
363.2248, 379.6693

■ 0.8799, 0.2561,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.2034, 60.8779,
61.5293

■ 69.2034, 60.8779,
61.5293

■ 61.9720, 50.0865,
47.8006

■ 77.7463, 73.7349,
77.4135

■ 55.9823, 41.2450,
36.1303

■ 87.6569, 88.7490,
95.5371

■ 51.1649, 34.2391,
26.4196

95.0500, 100.0000,
108.9000

■ 47.4413, 28.9389,
18.5596

■ 44.7236, 25.1976,
12.4309

■ 42.9096, 22.8434,
7.8994

■ 41.8734, 21.6611,
4.8101

■ 41.6444, 21.4217,
4.0593

Harmonies

Analogous

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



68.5535, 60.8779, 77.9713



69.2034, 60.8779, 61.5293



66.6653, 60.8779, 48.6331

Triad

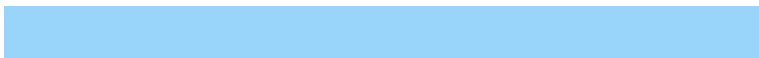
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2034, 60.8779, 61.5293



51.3165, 60.8779, 45.0426



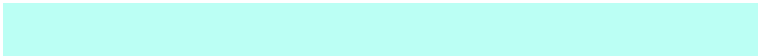
54.0864, 60.8779, 99.5955

Complementary

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



69.2034, 60.8779, 61.5293



72.5850, 88.6176, 98.8712

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.



49.8711, 60.8779, 87.7637



69.2034, 60.8779, 61.5293



48.3453, 60.8779, 55.8302

Square

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



69.2034, 60.8779, 61.5293



56.1771, 60.8779, 40.1802



47.8339, 60.8779, 71.2811



59.5815, 60.8779, 101.7851

Rectangle

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



69.2034, 60.8779, 61.5293



63.5978, 60.8779, 43.1262



47.8339, 60.8779, 71.2811



52.4831, 60.8779, 96.5321

Sweetspot

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



69.2049, 60.8806, 61.5305



86.2517, 86.6150, 92.9834



73.0147, 61.9370, 102.7145



18.1291, 18.0350, 19.2972



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.



69.2049, 60.8806, 61.5305



65.1867, 54.8713, 53.9424



73.1757, 70.7790, 56.8222



18.1291, 18.0350, 19.2972



21.7951, 11.2073, 2.3057



2.1546, 1.1042, 0.3956

Inverse Universe

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



69.2049, 60.8806, 61.5305



65.1867, 54.8713, 53.9424



67.4962, 75.6879, 105.6595



18.1291, 18.0350, 19.2972



21.7951, 11.2073, 2.3057



2.1546, 1.1042, 0.3956

Previews

White Background



This preview shows how the XYZ color 69.2034, 60.8779, 61.5293 looks on a white background.

Color Contrast Check

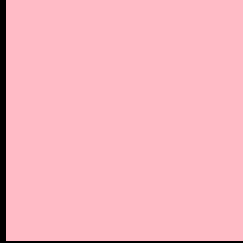
Large Text (above 18pt) WCAG AA × Fail

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 69.2034, 60.8779, 61.5293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

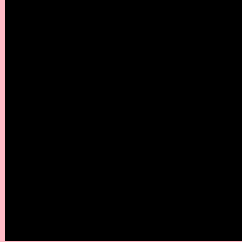
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2034, 60.8779, 61.5293

Background



This preview shows how black text looks on a background with the XYZ color 69.2034, 60.8779, 61.5293.



This preview shows how white text looks on a background with the XYZ color 69.2034, 60.8779,

61.5293.

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

69.2034, 60.8779, 61.5293

Protanopia

58.9905, 61.1497, 68.3684

Deuteranopia

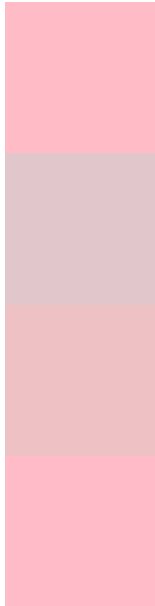
62.1528, 60.8677, 60.6974



Tritanopia

69.5529, 61.0177, 63.3701

Trichromacy



Original Color

69.2034, 60.8779, 61.5293

Protanomaly

62.1445, 60.7554, 65.5783

Deuteranomaly

64.6297, 60.7919, 61.1510

Tritanomaly

69.4357, 60.9708, 62.7525

Monochromacy



Original Color

69.2034, 60.8779, 61.5293

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.2701, 62.3498, 66.4576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2034, 60.8779, 61.5293 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 198) }
```

Border

The CSS property to change the border of an element to XYZ 69.2034, 60.8779, 61.5293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

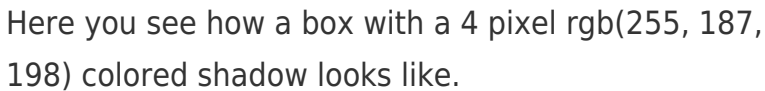
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 187, 198) }
```


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

```
.border{ border-color:rgb(255, 187, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 187, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 187, 198); box-shadow:4px 4px 4px 4px rgb(255, 187, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2034, 60.8779, 61.5293 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
187, 198) }
```

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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