

Converting Colors

XYZ(70.2011, 61.0621, 67.4455)

Have a look what the booklet for
XYZ(70.2011, 61.0621, 67.4455)
contains.

XYZ(70.1841, 60.9319, 67.7364)	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(70.1841, 60.9319,
67.7364)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAD0
RGB	255, 186, 208
RGB Percent	100%, 73%, 82%
CMY	0.0000, 0.2706, 0.1843
CMYK	0.00, 0.27, 0.18, 0.00
HSL	341°, 100%, 86%
HSV	341°, 27%, 100%
XYZ	70.1841, 60.9319, 67.7364
YIQ	209.1390, 34.0620, 21.4700

Conversions

Conversions Part 2

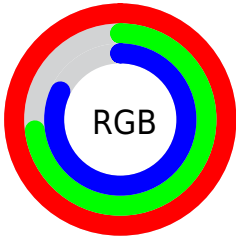
Format	Color
R _Y B	255, 186, 208
Decimal	16759504
CIE Lab	82.34, 28.04, -1.18
CIE LCh	82, 28.065, 357.595
Yxy	60.9319, 0.3529, 0.3064
Android (android.graphics.Color)	4294949584 (0xFFFFBAD0)
YUV	209.1390, -0.5615, 40.2201
Hunter-Lab	78.0589, 23.8894, 3.1917

Details

The XYZ color **70.1841, 60.9319, 67.7364** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7199, 87.8434, 90.3227**, and the grayscale version is **60.6843, 63.8447, 69.5268**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **37.1100, 30.7059, 34.5428** is the 20% darker color. If you saturate the color by 10%, you get **63.2621, 50.3228, 55.4563**, and if you desaturate by 10%, it is **78.3016, 73.5570, 81.5714**.

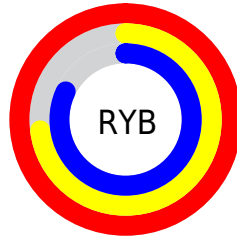
Distribution



Red (100%)

Green (73%)

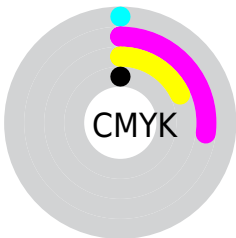
Blue (82%)



Red (100%)

Yellow (73%)

Blue (82%)

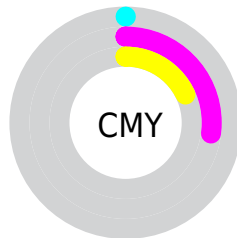


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1841, 60.9319, 67.7364 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 70.1841, 60.9319, 67.7364 by changing the saturation by 10% instead.

70.1841, 60.9319,
67.7364

70.1841, 60.9319,
67.7364

450.4525,
428.0243, 471.1342

51.9568, 44.1702,
49.2180

118.4961,
106.1803, 117.6256

37.1948, 30.8043,
34.4256

149.3115,
135.4359, 149.8335

25.5327, 20.4499,
22.9407

185.0536,
169.6248, 187.4415

16.6052, 12.7225,
14.3449

226.0878,
209.1315, 230.8684

10.0470, 7.2377,
8.2194

272.7794,
254.3404, 280.5325

5.4926, 3.6112,
4.1459

325.4938,

2.5768, 1.4586,

305.6359, 336.8525

1.7057

384.5964,
363.4024, 400.2469

■ 0.9341, 0.2593,
0.3646

■ 0.0000, 0.0000,
0.0000

■ 70.1841, 60.9319,
67.7364

■ 70.1841, 60.9319,
67.7364

■ 63.2621, 50.3228,
55.4563

■ 78.3016, 73.5570,
81.5714

■ 57.4728, 41.6169,
44.6708

■ 87.6648, 88.2875,
97.0111

■ 52.7542, 34.7021,
35.3210

95.0500, 100.0000,
108.9000

■ 49.0359, 29.4516,
27.3423

■ 46.2390, 25.7215,
20.6644

■ 44.2714, 23.3430,
15.2097

■ 43.0176, 22.1014,
10.8889

■ 42.7362, 21.8585,
9.8090

Harmonies

Analogous

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



68.1790, 60.9319, 85.6116



70.1841, 60.9319, 67.7364



68.7185, 60.9319, 52.2241

Triad

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



70.1841, 60.9319, 67.7364



52.7471, 60.9319, 41.2213



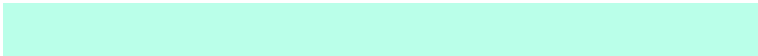
51.9655, 60.9319, 98.2270

Complementary

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



70.1841, 60.9319, 67.7364



70.7199, 87.8434, 90.3227

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.



48.3058, 60.9319, 82.8051



70.1841, 60.9319, 67.7364



48.7347, 60.9319, 50.2094

Square

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



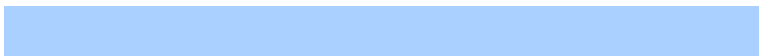
70.1841, 60.9319, 67.7364



58.3979, 60.9319, 38.5724



47.1643, 60.9319, 64.9718



57.4326, 60.9319, 105.0034

Rectangle

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



70.1841, 60.9319, 67.7364



66.0228, 60.9319, 44.8704



47.1643, 60.9319, 64.9718



50.4978, 60.9319, 93.7649

Sweetspot

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



70.1855, 60.9346, 67.7376



86.7266, 86.8049, 95.4842



68.8896, 59.4966, 102.4609



18.2480, 18.0825, 19.9230



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.



70.1855, 60.9346, 67.7376



66.6173, 55.4436, 61.4756



70.1847, 64.9678, 55.2987



18.2480, 18.0825, 19.9230



22.3903, 11.4454, 5.4397



2.2273, 1.1333, 0.7784

Inverse Universe

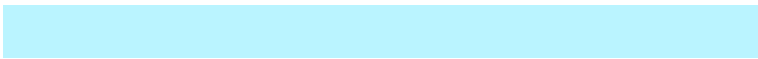
The Inverse Universe completely reimagines the original color for something new.



70.1855, 60.9346, 67.7376



66.6173, 55.4436, 61.4756



70.5020, 82.0614, 106.7313



18.2480, 18.0825, 19.9230



22.3903, 11.4454, 5.4397



2.2273, 1.1333, 0.7784

Previews

White Background



This preview shows how the XYZ color 70.1841, 60.9319, 67.7364 looks on a white background.

Color Contrast Check

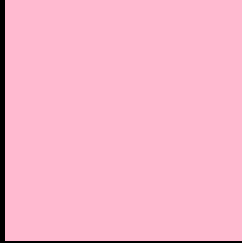
Large Text (above 18pt) WCAG AA × Fail

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 70.1841, 60.9319, 67.7364 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 70.1841, 60.9319, 67.7364

Background



This preview shows how black text looks on a background with the XYZ color 70.1841, 60.9319, 67.7364.



This preview shows how white text looks on a background with the XYZ color 70.1841, 60.9319,

67.7364.

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

70.1841, 60.9319, 67.7364

Protanopia

59.5559, 61.2793, 75.7070

Deuteranopia

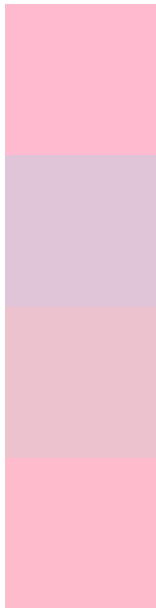
62.6153, 61.3106, 66.9265



Tritanopia

69.1860, 60.8285, 63.3529

Trichromacy



Original Color

70.1841, 60.9319, 67.7364

Protanomaly

62.6634, 60.5268, 72.6701

Deuteranomaly

65.1463, 60.9214, 67.3569

Tritanomaly

69.5425, 60.9711, 65.2301

Monochromacy



Original Color

70.1841, 60.9319, 67.7364

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.7593, 62.5455, 69.0336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1841, 60.9319, 67.7364 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 208) }
```

Border

The CSS property to change the border of an element to XYZ 70.1841, 60.9319, 67.7364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

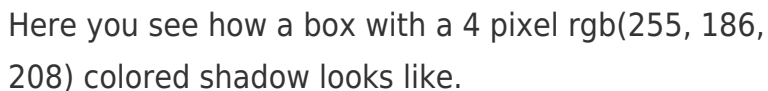
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 186, 208) }
```


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

```
.border{ border-color:rgb(255, 186, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1841, 60.9319, 67.7364 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, 208) }
```

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

```
.background{ background-color: rgb(255,  
186, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor