

Converting Colors

XYZ(71.0877, 63.0957, 66.9387)

Have a look what the booklet for
XYZ(71.0877, 63.0957, 66.9387)
contains.

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Color

**XYZ(71.0114, 62.9778,
66.8058)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFCE
RGB	255, 191, 206
RGB Percent	100%, 75%, 81%
CMY	0.0000, 0.2510, 0.1922
CMYK	0.00, 0.25, 0.19, 0.00
HSL	346°, 100%, 87%
HSV	346°, 25%, 100%
XYZ	71.0114, 62.9778, 66.8058
YIQ	211.8460, 33.3290, 18.2330

Conversions

Conversions Part 2

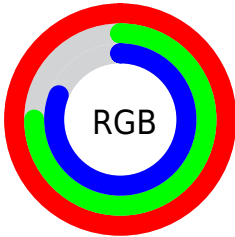
Format	Color
R_{YB}	255, 191, 206
Decimal	16760782
CIE _{Lab}	83.43, 25.12, 1.48
CIE _{LCh}	83, 25.161, 3.383
Yxy	62.9778, 0.3537, 0.3136
Android (android.graphics.Color)	4294950862 (0xFFFFBFCE)
YUV	211.8460, -2.8821, 37.8461
Hunter-Lab	79.3586, 20.8474, 5.6393

Details

The XYZ color **71.0114, 62.9778, 66.8058** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9763, 88.8887, 95.7527**, and the grayscale version is **62.4814, 65.7353, 71.5857**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **37.6391, 32.0286, 33.9041** is the 20% darker color. If you saturate the color by 10%, you get **63.7003, 51.9187, 53.3844**, and if you desaturate by 10%, it is **79.5882, 76.0965, 82.1044**.

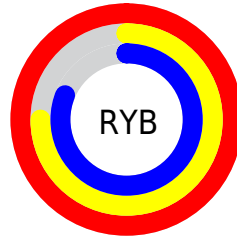
Distribution



Red (100%)

Green (75%)

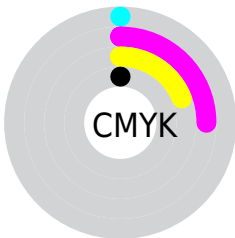
Blue (81%)



Red (100%)

Yellow (75%)

Blue (81%)

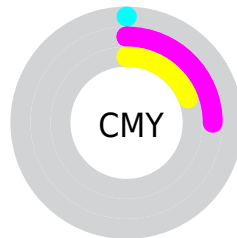


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0114, 62.9778, 66.8058 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 71.0114, 62.9778, 66.8058 by changing the saturation by 10% instead.

 71.0114, 62.9778,
66.8058

 71.0114, 62.9778,
66.8058


453.3045,
435.4889, 467.7359

 52.6341, 45.8232,
48.4662


 119.6684,
109.1375, 116.2801

 37.7370, 32.1064,
33.8336


150.6787,
138.9114, 148.2519

 25.9549, 21.4428,
22.4895


186.6308,
173.6606, 185.6049

 16.9224, 13.4480,
14.0153

227.8900,
213.7694, 228.7575

 10.2742, 7.7378,
7.9924

274.8216,
259.6222, 278.1284

 5.6448, 3.9276,
4.0024


327.7910,

 2.6689, 1.6332,


311.6035, 334.1361


1.6267


387.1635,
370.0976, 397.1990


 0.9812, 0.3798,
0.3097


 0.0000, 0.0000,
0.0000

 71.0114, 62.9778,
66.8058


 71.0114, 62.9778,
66.8058

 63.7003, 51.9187,
53.3844


 79.5882, 76.0965,
82.1044

 57.5896, 42.8062,
41.7630

 89.4831, 91.3635,
99.3456

 52.6146, 35.5291,
31.8646

95.0500, 100.0000,
108.9000

 48.7027, 29.9617,
23.6047

■ 45.7726, 25.9621,
16.8917

■ 43.7303, 23.3654,
11.6240

■ 42.4621, 21.9691,
7.6863

■ 42.0491, 21.5836,
6.1906

Harmonies

Analogous

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



69.7870, 62.9778, 83.0082



71.0114, 62.9778, 66.8058



69.1002, 62.9778, 53.2645

Triad

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



71.0114, 62.9778, 66.8058



54.2431, 62.9778, 46.3243



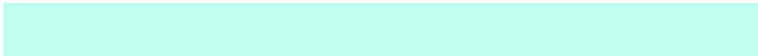
55.2584, 62.9778, 99.2619

Complementary

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



71.0114, 62.9778, 66.8058



72.9763, 88.8887, 95.7527

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.



51.4799, 62.9778, 86.5629



71.0114, 62.9778, 66.8058



50.9194, 62.9778, 55.9150

Square

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



71.0114, 62.9778, 66.8058



59.2385, 62.9778, 42.6322



49.9392, 62.9778, 70.3693



60.4828, 62.9778, 103.3439

Rectangle

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



71.0114, 62.9778, 66.8058



66.3694, 62.9778, 47.0809



49.9392, 62.9778, 70.3693



53.7880, 62.9778, 95.7730

Sweetspot

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



71.0129, 62.9805, 66.8071



86.4702, 86.7024, 94.1339



72.2792, 62.8352, 102.9266



18.1838, 18.0568, 19.5848



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

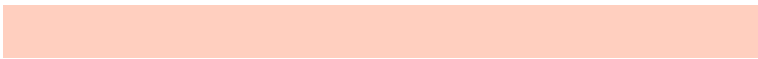
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0129, 62.9805, 66.8071



67.2724, 57.3051, 59.9944



72.9586, 69.6497, 58.8921



18.1838, 18.0568, 19.5848



22.0189, 11.2968, 3.4839



2.1839, 1.1159, 0.5499

Inverse Universe

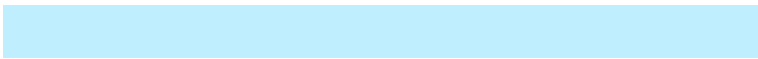
The Inverse Universe completely reimagines the original color for something new.



71.0129, 62.9805, 66.8071



67.2724, 57.3051, 59.9944



70.4043, 80.0310, 106.3446



18.1838, 18.0568, 19.5848



22.0189, 11.2968, 3.4839



2.1839, 1.1159, 0.5499

Previews

White Background



This preview shows how the XYZ color 71.0114, 62.9778, 66.8058 looks on a white background.

Color Contrast Check

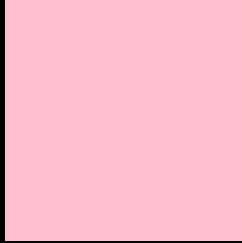
Large Text (above 18pt) WCAG AA × Fail

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 71.0114, 62.9778, 66.8058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

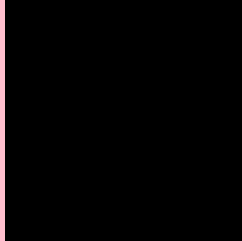
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0114, 62.9778, 66.8058

Background



This preview shows how black text looks on a background with the XYZ color 71.0114, 62.9778, 66.8058.



This preview shows how white text looks on a background with the XYZ color 71.0114, 62.9778,

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

71.0114, 62.9778, 66.8058

Protanopia

61.1569, 63.2336, 73.2720

Deuteranopia

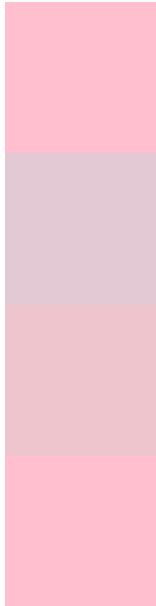
64.4189, 62.9559, 65.8832



Tritanopia

71.0114, 62.9778, 66.8058

Trichromacy



Original Color

71.0114, 62.9778, 66.8058

Protanomaly

64.1343, 62.6955, 71.0086

Deuteranomaly

66.5823, 62.6910, 66.3489

Tritanomaly

71.0114, 62.9778, 66.8058

Monochromacy



Original Color

71.0114, 62.9778, 66.8058

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

65.2206, 64.3329, 69.9528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0114, 62.9778, 66.8058 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, 191, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 206)  
}
```

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, 191, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 206) }
```

Border

The CSS property to change the border of an element to XYZ 71.0114, 62.9778, 66.8058 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, 191, 206) }
```


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

```
.border{ border-color:rgb(255, 191, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0114, 62.9778, 66.8058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 206) }
```

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

```
.background{ background-color: rgb(255,  
191, 206) }
```

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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