

Converting Colors

XYZ(70.2281, 61.4060, 66.5609)

Have a look what the booklet for
XYZ(70.2281, 61.4060, 66.5609)
contains.

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Color

**XYZ(70.1509, 61.2569,
66.5189)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBCE
RGB	255, 187, 206
RGB Percent	100%, 73%, 81%
CMY	0.0000, 0.2666, 0.1922
CMYK	0.00, 0.27, 0.19, 0.00
HSL	343°, 100%, 87%
HSV	343°, 27%, 100%
XYZ	70.1509, 61.2569, 66.5189
YIQ	209.4980, 34.4290, 20.3250

Conversions

Conversions Part 2

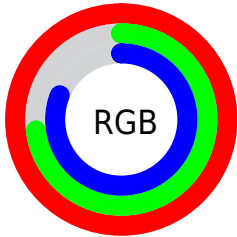
Format	Color
R _Y B	255, 187, 206
Decimal	16759758
CIE Lab	82.52, 27.22, 0.15
CIE LCh	83, 27.217, 0.321
Yxy	61.2569, 0.3544, 0.3095
Android (android.graphics.Color)	4294949838 (0xFFFFBBCE)
YUV	209.4980, -1.7245, 39.9053
Hunter-Lab	78.2668, 23.0235, 4.3962

Details

The XYZ color **70.1509, 61.2569, 66.5189** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3961, 88.1420, 92.6109**, and the grayscale version is **60.9261, 64.0990, 69.8039**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **37.0810, 30.9124, 33.7181** is the 20% darker color. If you saturate the color by 10%, you get **63.1102, 50.5417, 53.7945**, and if you desaturate by 10%, it is **78.4161, 74.0028, 80.9407**.

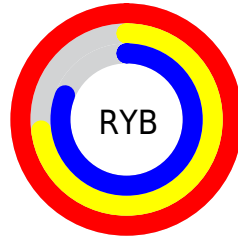
Distribution



Red (100%)

Green (73%)

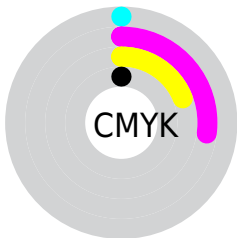
Blue (81%)



Red (100%)

Yellow (73%)

Blue (81%)

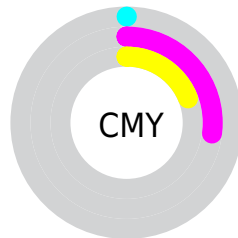


Cyan (0%)

Magenta (27%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1509, 61.2569, 66.5189 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 70.1509, 61.2569, 66.5189 by changing the saturation by 10% instead.


 70.1509, 61.2569,
66.5189

 70.1509, 61.2569,
66.5189


450.3378,
429.2153, 466.6851

 51.9296, 44.4325,
48.2346


 118.4490,
106.6508, 115.8649

 37.1730, 31.0107,
33.6514

149.2566,
135.9892, 147.7636

 25.5158, 20.6070,
22.3507


184.9902,
170.2676, 185.0376

 16.5925, 12.8370,
13.9141

226.0154,
209.8706, 228.1054

 10.0379, 7.3164,
7.9229

272.6973,
255.1824, 277.3855

 5.4865, 3.6608,
3.9586

325.4015,

 2.5731, 1.4857,

306.5876, 333.2965

1.6026

384.4932,
364.4704, 396.2568

■ 0.9323, 0.2786,
0.2927

■ 0.0000, 0.0000,
0.0000

■ 70.1509, 61.2569,
66.5189

■ 70.1509, 61.2569,
66.5189

■ 63.1102, 50.5417,
53.7945

■ 78.4161, 74.0028,
80.9407

■ 57.2299, 41.7440,
42.6997

■ 87.9568, 88.8689,
97.1167

■ 52.4463, 34.7517,
33.1674

95.0500, 100.0000,
108.9000

■ 48.6879, 29.4376,
25.1241

■ 45.8742, 25.6579,
18.4901

■ 43.9117, 23.2442,
13.1768

■ 42.6849, 21.9857,
9.0833

■ 42.3850, 21.7180,
7.9594

Harmonies

Analogous

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



68.5012, 61.2569, 83.8668



70.1509, 61.2569, 66.5189



68.4313, 61.2569, 51.7858

Triad

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



70.1509, 61.2569, 66.5189



52.7519, 61.2569, 42.6732



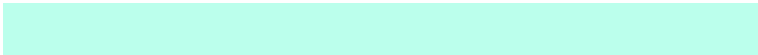
52.8536, 61.2569, 98.6128

Complementary

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



70.1509, 61.2569, 66.5189



71.3961, 88.1420, 92.6109

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.



49.0837, 61.2569, 84.2297



70.1509, 61.2569, 66.5189



49.0278, 61.2569, 52.0491

Square

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



70.1509, 61.2569, 66.5189



58.1602, 61.2569, 39.4993



47.7299, 61.2569, 66.8781



58.2856, 61.2569, 104.1724

Rectangle

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



70.1509, 61.2569, 66.5189



65.6674, 61.2569, 44.9400



47.7299, 61.2569, 66.8781



51.3633, 61.2569, 94.5431

Sweetspot

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



70.1524, 61.2596, 66.5201



86.6066, 86.7569, 94.8523



70.3258, 60.5509, 102.5887



18.2179, 18.0705, 19.7646



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.



70.1524, 61.2596, 66.5201



66.2465, 55.2952, 59.5231



71.2695, 66.9664, 56.1867



18.2179, 18.0705, 19.7646



22.2013, 11.3698, 4.4445



2.2058, 1.1247, 0.6650

Inverse Universe

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



70.1524, 61.2596, 66.5201



66.2465, 55.2952, 59.5231



69.7841, 80.2637, 106.4222



18.2179, 18.0705, 19.7646



22.2013, 11.3698, 4.4445



2.2058, 1.1247, 0.6650

Previews

White Background



This preview shows how the XYZ color 70.1509, 61.2569, 66.5189 looks on a white background.

Color Contrast Check

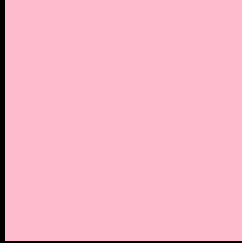
Large Text (above 18pt) WCAG AA × Fail

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 70.1509, 61.2569, 66.5189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

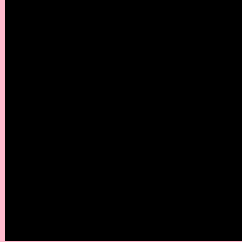
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1509, 61.2569, 66.5189

Background



This preview shows how black text looks on a background with the XYZ color 70.1509, 61.2569, 66.5189.



This preview shows how white text looks on a background with the XYZ color 70.1509, 61.2569,

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

70.1509, 61.2569, 66.5189

Protanopia

59.6796, 61.7423, 73.7378

Deuteranopia

62.6865, 61.3752, 65.6694



Tritanopia

69.8839, 61.4907, 64.0627

Trichromacy



Original Color

70.1509, 61.2569, 66.5189

Protanomaly

62.8182, 60.9889, 70.7485

Deuteranomaly

65.4596, 61.4425, 66.1671

Tritanomaly

70.0027, 61.5382, 64.6884

Monochromacy



Original Color

70.1509, 61.2569, 66.5189

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.9932, 63.0133, 69.1116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1509, 61.2569, 66.5189 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 206) }
```

Border

The CSS property to change the border of an element to XYZ 70.1509, 61.2569, 66.5189 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, 206) }
```


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

```
.border{ border-color:rgb(255, 187, 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, 187, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1509, 61.2569, 66.5189 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, 206) }
```

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

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