

Converting Colors

XYZ(69.0911, 60.3161, 65.7710)

Have a look what the booklet for
XYZ(69.0911, 60.3161, 65.7710)
contains.

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Color

**XYZ(69.0864, 60.4082,
65.7763)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBACD
RGB	253, 186, 205
RGB Percent	99%, 73%, 80%
CMY	0.0078, 0.2706, 0.1961
CMYK	0.00, 0.26, 0.19, 0.01
HSL	343°, 94%, 86%
HSV	343°, 26%, 99%
XYZ	69.0864, 60.4082, 65.7763
YIQ	208.1990, 33.8330, 20.1130

Conversions

Conversions Part 2

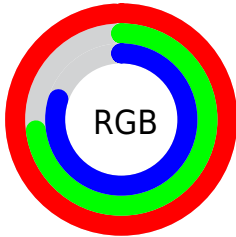
Format	Color
R _Y B	253, 186, 205
Decimal	16628429
CIE Lab	82.06, 26.89, -0.00
CIE LCh	82, 26.890, 359.996
Yxy	60.4082, 0.3538, 0.3094
Android (android.graphics.Color)	4294818509 (0xFFFD BACD)
YUV	208.1990, -1.5771, 39.2905
Hunter-Lab	77.7227, 22.6509, 4.2291

Details

The XYZ color **69.0864, 60.4082, 65.7763** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2288, 86.6318, 90.8663**, and the grayscale version is **60.0792, 63.2080, 68.8335**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **36.3429, 30.3390, 33.2187** is the 20% darker color. If you saturate the color by 10%, you get **62.1581, 49.8524, 53.2897**, and if you desaturate by 10%, it is **77.2153, 72.9582, 79.9152**.

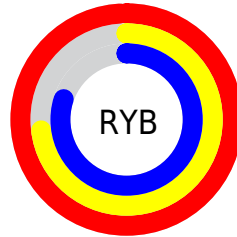
Distribution



Red (99%)

Green (73%)

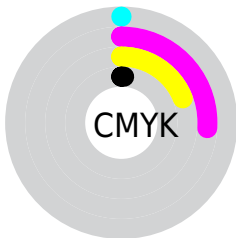
Blue (80%)



Red (99%)

Yellow (73%)

Blue (80%)

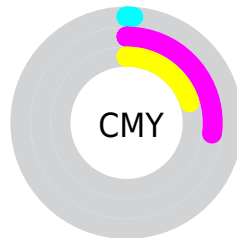


Cyan (0%)

Magenta (26%)

Yellow (19%)

Black (1%)



Cyan (1%)


Magenta (27%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0864, 60.4082, 65.7763 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 69.0864, 60.4082, 65.7763 by changing the saturation by 10% instead.

 69.0864, 60.4082,
65.7763

 69.0864, 60.4082,
65.7763


446.6523,
426.1008, 463.9588

 51.0590, 43.7477,
47.6355


 116.9384,
105.4216, 114.7891

 36.4768, 30.4722,
33.1804


147.4936,
134.5433, 146.4983

 24.9745, 20.1973,
21.9924


182.9555,
168.5876, 183.5672

 16.1867, 12.5386,
13.6531

223.6894,
207.9387, 226.4146

 9.7480, 7.1116,
7.7438

270.0607,
252.9813, 275.4589

 5.2932, 3.5320,
3.8460


322.4347,

 2.4568, 1.4154,


304.0995, 331.1187


1.5413


381.1768,
361.6779, 393.8124


 0.8735, 0.2280,
0.2484


 0.0000, 0.0000,
0.0000


 69.0864, 60.4082,
65.7763


 69.0864, 60.4082,
65.7763


 62.1581, 49.8524,
53.2897


 77.2153, 72.9582,
79.9152

 56.3668, 41.1793,
42.3897

 86.5939, 87.5895,
95.7611

 51.6509, 34.2796,
33.0114

 94.3183, 99.6228,
108.8658

 47.9403, 29.0288,
25.0840

■ 45.1567, 25.2863,
18.5303

■ 43.2087, 22.8876,
13.2650

■ 41.9843, 21.6278,
9.1910

■ 41.6694, 21.3472,
8.0097

Harmonies

Analogous

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



67.4384, 60.4082, 82.7491



69.0864, 60.4082, 65.7763



67.4392, 60.4082, 51.2987

Triad

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



69.0864, 60.4082, 65.7763



52.1101, 60.4082, 42.1662



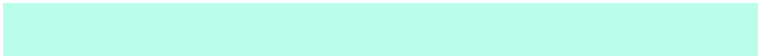
52.1089, 60.4082, 96.8675

Complementary

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



69.0864, 60.4082, 65.7763



70.2288, 86.6318, 90.8663

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.



48.4390, 60.4082, 82.7450



69.0864, 60.4082, 65.7763



48.4396, 60.4082, 51.2957

Square

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



69.0864, 60.4082, 65.7763



57.4169, 60.4082, 39.1174



47.1403, 60.4082, 65.7722



57.4155, 60.4082, 102.4141

Rectangle

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



69.0864, 60.4082, 65.7763



64.7526, 60.4082, 44.5441



47.1403, 60.4082, 65.7722



50.6560, 60.4082, 92.8620

Sweetspot

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



69.0881, 60.4110, 65.7775



86.6192, 86.7620, 94.9189



68.8623, 59.5195, 100.7882



18.2211, 18.0717, 19.7813



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.



69.0881, 60.4110, 65.7775



66.2854, 55.3108, 59.7276



69.8886, 65.4617, 55.4095



18.2211, 18.0717, 19.7813



22.2200, 11.3773, 4.5428



2.2079, 1.1255, 0.6764

Inverse Universe

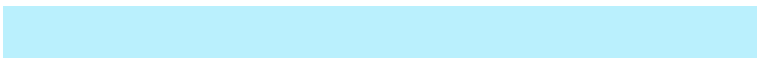
The Inverse Universe completely reimagines the original color for something new.



69.0881, 60.4110, 65.7775



66.2854, 55.3108, 59.7276



69.0239, 79.6178, 104.6591



18.2211, 18.0717, 19.7813



22.2200, 11.3773, 4.5428



2.2079, 1.1255, 0.6764

Previews

White Background



This preview shows how the XYZ color 69.0864, 60.4082, 65.7763 looks on a white background.

Color Contrast Check

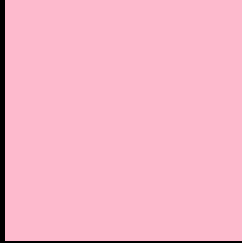
Large Text (above 18pt) WCAG AA × Fail

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 69.0864, 60.4082, 65.7763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

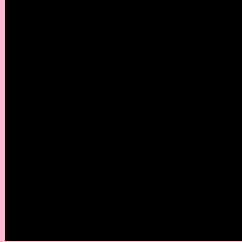
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0864, 60.4082, 65.7763

Background



This preview shows how black text looks on a background with the XYZ color 69.0864, 60.4082, 65.7763.



This preview shows how white text looks on a background with the XYZ color 69.0864, 60.4082,

65.7763.

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

69.0864, 60.4082, 65.7763

Protanopia

58.7985, 60.5973, 72.8874

Deuteranopia

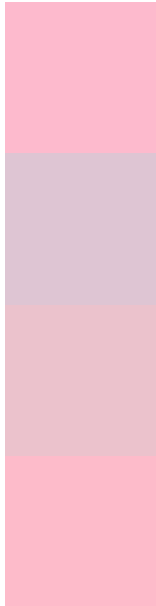
62.0249, 60.7075, 64.9486



Tritanopia

68.8210, 60.6403, 63.3358

Trichromacy



Original Color

69.0864, 60.4082, 65.7763

Protanomaly

61.8483, 60.1652, 69.9813

Deuteranomaly

64.4518, 60.6054, 65.4278

Tritanomaly

68.9390, 60.6876, 63.9575

Monochromacy



Original Color

69.0864, 60.4082, 65.7763

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.6572, 61.6608, 67.6308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0864, 60.4082, 65.7763 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(253, 186, 205)` looks like.

```
.text, #text, p{  
    color:rgb(253, 186, 205)  
}
```

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(253, 186, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 186, 205) }
```

Border

The CSS property to change the border of an element to XYZ 69.0864, 60.4082, 65.7763 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(253, 186, 205) }
```


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

```
.border{ border-color:rgb(253, 186, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 186, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 186, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 186, 205);  
box-shadow:4px 4px 4px 4px rgb(253, 186,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0864, 60.4082, 65.7763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 186, 205) }
```

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

```
.background{ background-color: rgb(253,  
186, 205) }
```

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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