

Converting Colors

XYZ(101.4757, 78.2276,
60.9385)

Have a look what the booklet for
XYZ(101.4757, 78.2276, 60.9385)
contains.

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Color

**XYZ(69.1752, 61.5502,
59.2734)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDC2
RGB	255, 189, 194
RGB Percent	100%, 74%, 76%
CMY	0.0000, 0.2588, 0.2392
CMYK	0.00, 0.26, 0.24, 0.00
HSL	355°, 100%, 87%
HSV	355°, 26%, 100%
XYZ	69.1752, 61.5502, 59.2734
YIQ	209.3040, 37.7310, 15.5470

Conversions

Conversions Part 2

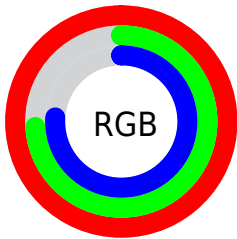
Format	Color
R _Y B	255, 189, 194
Decimal	16760258
CIE Lab	82.67, 24.44, 6.82
CIE LCh	83, 25.370, 15.601
Yxy	61.5502, 0.3641, 0.3240
Android (android.graphics.Color)	4294950338 (0xFFFFBDC2)
YUV	209.3040, -7.5449, 40.0754
Hunter-Lab	78.4539, 20.0944, 10.1231

Details

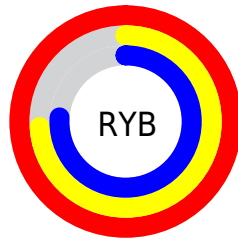
The XYZ color **69.1752, 61.5502, 59.2734** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0039, 89.2420, 103.7715**, and the grayscale version is **60.8346, 64.0027, 69.6990**.

A 20% lighter version of the original color is **91.4511, 94.0737, 103.7805**, and **36.4236, 31.0917, 28.8925** is the 20% darker color. If you saturate the color by 10%, you get **61.7239, 50.5531, 44.7491**, and if you desaturate by 10%, it is **78.0137, 74.6493, 76.3329**.

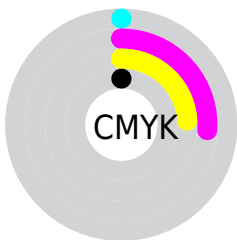
Distribution



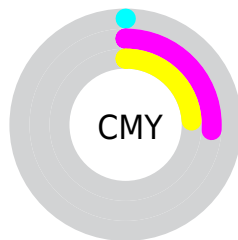
- Red (100%)
- Green (74%)
- Blue (76%)



- Red (100%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1752, 61.5502, 59.2734 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 69.1752, 61.5502, 59.2734 by changing the saturation by 10% instead.


 69.1752, 61.5502,
59.2734

 69.1752, 61.5502,
59.2734


446.9604,
430.2885, 439.6444

 51.1316, 44.6693,
42.4118


 117.0645,
107.0752, 105.3079

 36.5348, 31.1971,
29.0959


147.6408,
136.4881, 135.3180

 25.0195, 20.7490,
18.9072


183.1255,
170.8472, 170.5478

 16.2204, 12.9406,
11.4271

223.8837,
210.5368, 211.4162

 9.7721, 7.3877,
6.2371

270.2810,
255.9413, 258.3414

 5.3092, 3.7057,
2.9187

322.6826,

 2.4664, 1.5103,

307.4452, 311.7422

1.0533

381.4540,
365.4328, 372.0370

■ 0.8784, 0.2960,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1752, 61.5502,
59.2734

■ 69.1752, 61.5502,
59.2734

■ 61.7239, 50.5531,
44.7491

■ 78.0137, 74.6493,
76.3329

■ 55.5850, 41.5410,
32.6354

■ 88.3002, 89.9431,
96.0365

■ 50.6836, 34.3977,
22.8029

95.0500, 100.0000,
108.9000

■ 46.9355, 28.9921,
15.1084

■ 44.2457, 25.1757,
9.3926

■ 42.5041, 22.7753,
5.4739

■ 41.5760, 21.5769,
3.1367

■ 41.3601, 21.3081,
2.5626

Harmonies

Analogous

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



69.2388, 61.5502, 74.7533



69.1752, 61.5502, 59.2734



66.1361, 61.5502, 47.7973

Triad

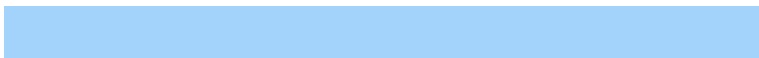
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1752, 61.5502, 59.2734



51.3360, 61.5502, 48.1533



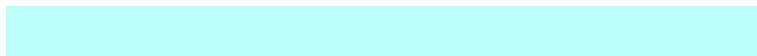
55.9367, 61.5502, 100.4546

Complementary

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



69.1752, 61.5502, 59.2734



74.0039, 89.2420, 103.7715

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.



51.4785, 61.5502, 90.8030



69.1752, 61.5502, 59.2734



48.9362, 61.5502, 59.8351

Square

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



69.1752, 61.5502, 59.2734



55.7310, 61.5502, 42.0893



48.9866, 61.5502, 75.4088



61.3625, 61.5502, 100.2415

Rectangle

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



69.1752, 61.5502, 59.2734



62.9336, 61.5502, 43.2535



48.9866, 61.5502, 75.4088



54.2828, 61.5502, 98.1982

Sweetspot

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



69.1767, 61.5530, 59.2746



85.9952, 86.5124, 91.6328



75.4945, 63.8497, 102.9530



18.0652, 18.0094, 18.9603



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.



69.1767, 61.5530, 59.2746



65.1921, 55.6657, 51.5285



75.1111, 74.3046, 58.5311



18.0652, 18.0094, 18.9603



21.6313, 11.1418, 1.4431



2.1246, 1.0922, 0.2374

Inverse Universe

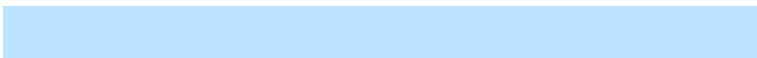
The Inverse Universe completely reimagines the original color for something new.



69.1767, 61.5530, 59.2746



65.1921, 55.6657, 51.5285



66.6446, 73.2531, 105.2345



18.0652, 18.0094, 18.9603



21.6313, 11.1418, 1.4431



2.1246, 1.0922, 0.2374

Previews

White Background



This preview shows how the XYZ color 69.1752, 61.5502, 59.2734 looks on a white background.

Color Contrast Check

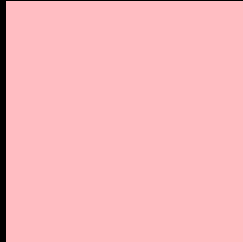
Large Text (above 18pt) WCAG AA × Fail

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 69.1752, 61.5502, 59.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

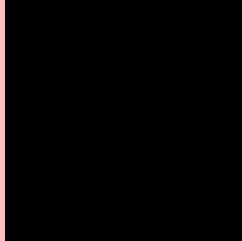
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1752, 61.5502, 59.2734

Background



This preview shows how black text looks on a background with the XYZ color 69.1752, 61.5502, 59.2734.



This preview shows how white text looks on a background with the XYZ color 69.1752, 61.5502,

59.2734.

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

69.1752, 61.5502, 59.2734

Protanopia

59.1892, 61.6761, 65.2850

Deuteranopia

62.8928, 61.6415, 58.4524



Tritanopia

69.8839, 61.4907, 64.0627

Trichromacy



Original Color

69.1752, 61.5502, 59.2734

Protanomaly

62.2128, 61.1857, 63.1746

Deuteranomaly

65.0759, 61.4057, 58.8747

Tritanomaly

69.5320, 61.3500, 62.2098

Monochromacy



Original Color

69.1752, 61.5502, 59.2734

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.3836, 62.7694, 65.9018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1752, 61.5502, 59.2734 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, 189, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 194)  
}
```

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, 189, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 194) }
```

Border

The CSS property to change the border of an element to XYZ 69.1752, 61.5502, 59.2734 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, 189, 194) }
```


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

```
.border{ border-color:rgb(255, 189, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1752, 61.5502, 59.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 194) }
```

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

```
.background{ background-color: rgb(255,  
189, 194) }
```

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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