

Converting Colors

XYZ(75.7677, 64.5361, 61.5674)

Have a look what the booklet for
XYZ(75.7677, 64.5361, 61.5674)
contains.

XYZ(69.3013, 61.2577, 60.9947) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(69.3013, 61.2577,
60.9947)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCC5
RGB	255, 188, 197
RGB Percent	100%, 74%, 77%
CMY	0.0000, 0.2627, 0.2274
CMYK	0.00, 0.26, 0.23, 0.00
HSL	352°, 100%, 87%
HSV	352°, 26%, 100%
XYZ	69.3013, 61.2577, 60.9947
YIQ	209.0590, 37.0430, 17.0030

Conversions

Conversions Part 2

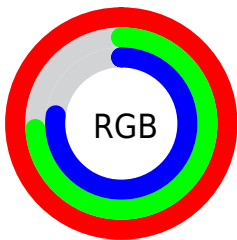
Format	Color
R _Y B	255, 188, 197
Decimal	16760005
CIE Lab	82.52, 25.38, 4.99
CIE LCh	83, 25.869, 11.116
Yxy	61.2577, 0.3618, 0.3198
Android (android.graphics.Color)	4294950085 (0xFFFFBCC5)
YUV	209.0590, -5.9451, 40.2903
Hunter-Lab	78.2673, 21.0840, 8.5817

Details

The XYZ color **69.3013, 61.2577, 60.9947** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1359, 88.8663, 100.4910**, and the grayscale version is **60.6648, 63.8241, 69.5045**.

A 20% lighter version of the original color is **91.7818, 93.7206, 107.0184**, and **36.5090, 30.9037, 30.0274** is the 20% darker color. If you saturate the color by 10%, you get **61.9802, 50.3716, 46.9749**, and if you desaturate by 10%, it is **77.9582, 74.2222, 77.2889**.

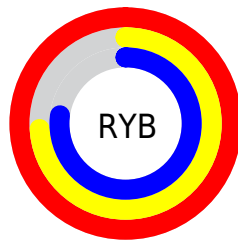
Distribution



Red (100%)

Green (74%)

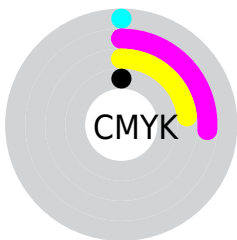
Blue (77%)



Red (100%)

Yellow (74%)

Blue (77%)

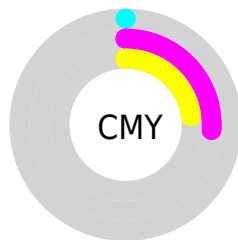


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3013, 61.2577, 60.9947 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 69.3013, 61.2577, 60.9947 by changing the saturation by 10% instead.


 69.3013, 61.2577,
60.9947

 69.3013, 61.2577,
60.9947


447.3977,
429.2182, 446.1606

 51.2347, 44.4332,
43.7904


 117.2435,
106.6520, 107.8287

 36.6172, 31.0112,
30.1697


147.8498,
135.9905, 138.2955

 25.0836, 20.6074,
19.7143


183.3667,
170.2692, 174.0201

 16.2684, 12.8373,
12.0055

224.1596,
209.8724, 215.4212

 9.8063, 7.3166,
6.6249

270.5938,
255.1845, 262.9172

 5.3320, 3.6609,
3.1538

323.0346,

 2.4801, 1.4857,

306.5899, 316.9268

1.1737

381.8475,
364.4730, 377.8684

■ 0.8852, 0.2787,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.3013, 61.2577,
60.9947

■ 69.3013, 61.2577,
60.9947

■ 61.9802, 50.3716,
46.9749

■ 77.9582, 74.2222,
77.2889

■ 55.9239, 41.4480,
35.1244

■ 88.0085, 89.3568,
95.9486

■ 51.0612, 34.3722,
25.3354

95.0500, 100.0000,
108.9000

■ 47.3123, 29.0142,
17.4892

■ 44.5873, 25.2270,
11.4550

■ 42.7822, 22.8388,
7.0855

■ 41.7695, 21.6369,
4.2095

■ 41.5322, 21.3769,
3.4686

Harmonies

Analogous

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



68.8831, 61.2577, 77.0565



69.3013, 61.2577, 60.9947



66.6137, 61.2577, 48.5996

Triad

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



69.3013, 61.2577, 60.9947



51.5030, 61.2577, 46.2740



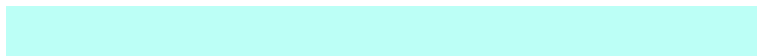
54.8472, 61.2577, 99.8879

Complementary

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



69.3013, 61.2577, 60.9947



73.1359, 88.8663, 100.4910

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.



50.5694, 61.2577, 88.8127



69.3013, 61.2577, 60.9947



48.7247, 61.2577, 57.3143

Square

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



69.3013, 61.2577, 60.9947



56.1961, 61.2577, 41.0427



48.3942, 61.2577, 72.7488



60.2993, 61.2577, 101.2931

Rectangle

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



69.3013, 61.2577, 60.9947



63.5162, 61.2577, 43.4160



48.3942, 61.2577, 72.7488



53.2335, 61.2577, 97.0990

Sweetspot

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



69.3028, 61.2604, 60.9959



86.1696, 86.5821, 92.5511



73.6737, 62.5928, 102.8063



18.1086, 18.0268, 19.1893



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.



69.3028, 61.2604, 60.9959



64.9495, 54.7764, 52.6931



73.7250, 71.7056, 57.5354



18.1086, 18.0268, 19.1893



21.7317, 11.1820, 1.9715



2.1450, 1.1004, 0.3451

Inverse Universe

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



69.3028, 61.2604, 60.9959



64.9495, 54.7764, 52.6931



67.5213, 75.3736, 105.5976



18.1086, 18.0268, 19.1893



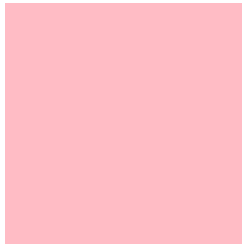
21.7317, 11.1820, 1.9715



2.1450, 1.1004, 0.3451

Previews

White Background



This preview shows how the XYZ color 69.3013, 61.2577, 60.9947 looks on a white background.

Color Contrast Check

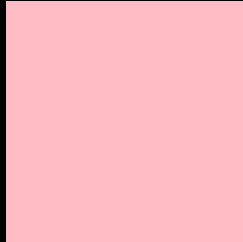
Large Text (above 18pt) WCAG AA × Fail

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 69.3013, 61.2577, 60.9947 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 69.3013, 61.2577, 60.9947

Background



This preview shows how black text looks on a background with the XYZ color 69.3013, 61.2577, 60.9947.



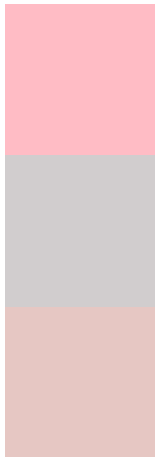
This preview shows how white text looks on a background with the XYZ color 69.3013, 61.2577,

60.9947.

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

69.3013, 61.2577, 60.9947

Protanopia

59.2664, 61.6742, 67.1732

Deuteranopia

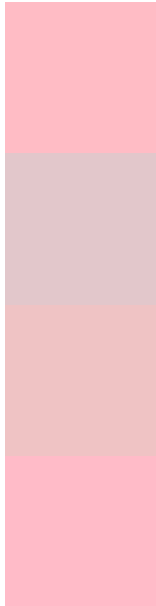
62.9069, 61.6100, 60.2061



Tritanopia

69.6710, 61.0649, 63.9918

Trichromacy



Original Color

69.3013, 61.2577, 60.9947

Protanomaly

62.5669, 61.3274, 65.0397

Deuteranomaly

65.0755, 61.3665, 60.6396

Tritanomaly

69.4357, 60.9708, 62.7525

Monochromacy



Original Color

69.3013, 61.2577, 60.9947

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.2701, 62.3498, 66.4576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3013, 61.2577, 60.9947 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, 188, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 197)  
}
```

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, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 197) }
```

Border

The CSS property to change the border of an element to XYZ 69.3013, 61.2577, 60.9947 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, 188, 197) }
```


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

```
.border{ border-color:rgb(255, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3013, 61.2577, 60.9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 197) }
```

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

```
.background{ background-color: rgb(255,  
188, 197) }
```

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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