

Converting Colors

XYZ(66.2683, 61.6361, 64.9458)

Have a look what the booklet for
XYZ(66.2683, 61.6361, 64.9458)
contains.

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Color

**XYZ(66.3469, 61.5961,
64.8923)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C2CB
RGB	241, 194, 203
RGB Percent	95%, 76%, 80%
CMY	0.0549, 0.2392, 0.2039
CMYK	0.00, 0.20, 0.16, 0.05
HSL	349°, 63%, 85%
HSV	349°, 20%, 95%
XYZ	66.3469, 61.5961, 64.8923
YIQ	209.0790, 25.1230, 12.7630

Conversions

Conversions Part 2

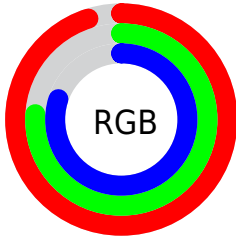
Format	Color
R_{YB}	241, 194, 203
Decimal	15844043
CIE _{Lab}	82.70, 18.11, 1.86
CIE _{LCh}	83, 18.210, 5.863
Yxy	61.5961, 0.3441, 0.3194
Android (android.graphics.Color)	4294034123 (0xFFFF1C2CB)
YUV	209.0790, -2.9969, 27.9947
Hunter-Lab	78.4832, 13.5520, 5.9154

Details

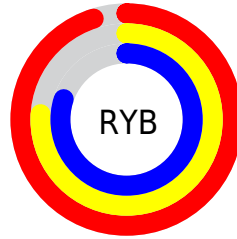
The XYZ color **66.3469, 61.5961, 64.8923** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2714, 80.2077, 88.2311**, and the grayscale version is **60.6647, 63.8240, 69.5044**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **34.5701, 31.1164, 32.6178** is the 20% darker color. If you saturate the color by 10%, you get **59.2339, 50.8553, 51.7751**, and if you desaturate by 10%, it is **74.6251, 74.1988, 79.8395**.

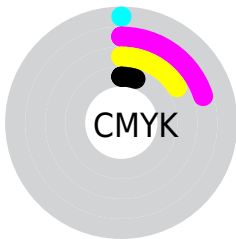
Distribution



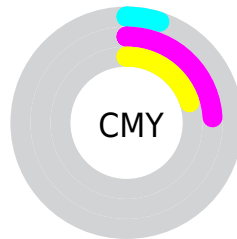
- Red (95%)
- Green (76%)
- Blue (80%)



- Red (95%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3469, 61.5961, 64.8923 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 66.3469, 61.5961, 64.8923 by changing the saturation by 10% instead.


 66.3469, 61.5961,
64.8923

 66.3469, 61.5961,
64.8923


437.0856,
430.4563, 460.7005

 48.8228, 44.7064,
46.9230


 113.0391,
107.1416, 113.5068

 34.6929, 31.2262,
32.6208


142.9378,
136.5661, 144.9890

 23.5918, 20.7712,
21.5674


177.6922,
170.9378, 181.8127

 15.1542, 12.9569,
13.3441

217.6675,
210.6410, 224.3962

 9.0147, 7.3988,
7.5324

263.2292,
256.0600, 273.1582

 4.8080, 3.7128,
3.7138

314.7425,

 2.1686, 1.5142,

307.5793, 328.5172

1.4697

372.5729,
365.5832, 390.8918

0.7261, 0.2987,
0.1952

0.0000, 0.0000,
0.0000

66.3469, 61.5961,
64.8923

66.3469, 61.5961,
64.8923

59.2339, 50.8553,
51.7751

74.6251, 74.1988,
79.8395

53.2282, 41.8801,
40.4132

84.1126, 88.7371,
96.6796

48.2748, 34.5779,
30.7326

90.0859, 97.4409,
108.6677

44.3119, 28.8447,
22.6521

■ 41.2708, 24.5643,
16.0840

■ 39.0742, 21.6048,
10.9317

■ 37.6311, 19.8097,
7.0867

■ 36.8042, 18.9332,
4.4152

■ 36.7717, 18.8992,
4.3082

Harmonies

Analogous

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



65.6774, 61.5961, 76.2631



66.3469, 61.5961, 64.8923



64.8518, 61.5961, 55.2281

Triad

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



66.3469, 61.5961, 64.8923



54.2504, 61.5961, 51.0880



55.5245, 61.5961, 88.6975

Complementary

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



66.3469, 61.5961, 64.8923



68.2714, 80.2077, 88.2311

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.



52.6614, 61.5961, 80.4889



66.3469, 61.5961, 64.8923



51.9490, 61.5961, 58.6428

Square

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



66.3469, 61.5961, 64.8923



57.7807, 61.5961, 47.8484



51.3805, 61.5961, 69.2911



59.3166, 61.5961, 90.8470

Rectangle

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



66.3469, 61.5961, 64.8923



62.8663, 61.5961, 50.7784



51.3805, 61.5961, 69.2911



54.4268, 61.5961, 86.5139

Sweetspot

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



66.3486, 61.5989, 64.8936



88.4335, 89.8523, 97.1826



68.3200, 62.0263, 91.5912



18.7808, 19.0062, 20.5383



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.



66.3486, 61.5989, 64.8936



72.3921, 65.4312, 68.2158



68.5955, 67.7588, 60.5057



15.8964, 15.8083, 17.0108



19.9770, 10.2632, 2.5295



1.6954, 0.8672, 0.3868

Inverse Universe

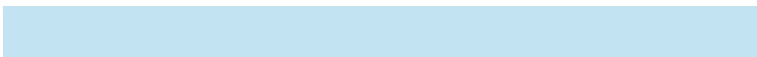
The Inverse Universe completely reimagines the original color for something new.



66.3486, 61.5989, 64.8936



72.3921, 65.4312, 68.2158



65.5693, 72.7057, 93.7975



15.8964, 15.8083, 17.0108



19.9770, 10.2632, 2.5295



1.6954, 0.8672, 0.3868

Previews

White Background



This preview shows how the XYZ color 66.3469, 61.5961, 64.8923 looks on a white background.

Color Contrast Check

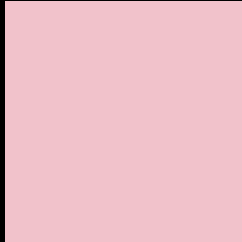
Large Text (above 18pt) WCAG AA × Fail

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 66.3469, 61.5961, 64.8923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

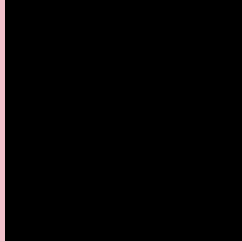
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3469, 61.5961, 64.8923

Background



This preview shows how black text looks on a background with the XYZ color 66.3469, 61.5961, 64.8923.



This preview shows how white text looks on a background with the XYZ color 66.3469, 61.5961,

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

66.3469, 61.5961, 64.8923

Protanopia

59.6344, 61.8214, 69.1113

Deuteranopia

62.7626, 61.4420, 64.4287



Tritanopia

67.0731, 61.5712, 68.0238

Trichromacy



Original Color

66.3469, 61.5961, 64.8923

Protanomaly

61.9679, 61.6504, 67.6651

Deuteranomaly

63.9056, 61.3526, 64.3512

Tritanomaly

66.8285, 61.4734, 66.7358

Monochromacy



Original Color

66.3469, 61.5961, 64.8923

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.6741, 63.0629, 67.9006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3469, 61.5961, 64.8923 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(241, 194, 203)` looks like.

```
.text, #text, p{  
    color:rgb(241, 194, 203)  
}
```

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(241, 194, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 194, 203) }
```

Border

The CSS property to change the border of an element to XYZ 66.3469, 61.5961, 64.8923 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(241, 194, 203) }
```


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

```
.border{ border-color:rgb(241, 194, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 194, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 194, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 194, 203);  
box-shadow:4px 4px 4px 4px rgb(241, 194,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3469, 61.5961, 64.8923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 194, 203) }
```

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

```
.background{ background-color: rgb(241,  
194, 203) }
```

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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