

# Converting Colors

XYZ(69.3463, 61.7294, 66.1257)

Have a look what the booklet for  
XYZ(69.3463, 61.7294, 66.1257)  
contains.

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# Color

**XYZ(69.2166, 61.7439,  
66.0273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBBECD
RGB	251, 190, 205
RGB Percent	98%, 75%, 80%
CMY	0.0157, 0.2549, 0.1961
CMYK	0.00, 0.24, 0.18, 0.02
HSL	345°, 88%, 86%
HSV	345°, 24%, 98%
XYZ	69.2166, 61.7439, 66.0273
YIQ	209.9490, 31.5410, 17.5970

# Conversions

## Conversions Part 2

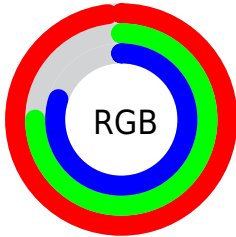
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 190, 205
Decimal	16498381
CIE Lab	82.78, 24.08, 1.02
CIE LCh	83, 24.101, 2.427
Yxy	61.7439, 0.3514, 0.3134
Android (android.graphics.Color)	4294688461 (0xFFFBBCD)
YUV	209.9490, -2.4399, 36.0017
Hunter-Lab	78.5773, 19.7256, 5.1836

# Details

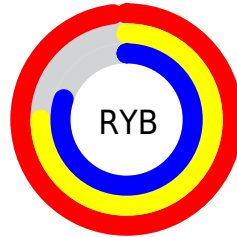
The XYZ color **69.2166, 61.7439, 66.0273** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8753, 85.9993, 92.2250**, and the grayscale version is **61.2276, 64.4162, 70.1492**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **36.6382, 31.3120, 33.3909** is the 20% darker color. If you saturate the color by 10%, you get **62.0927, 50.9339, 53.0531**, and if you desaturate by 10%, it is **77.5566, 74.5424, 80.7722**.

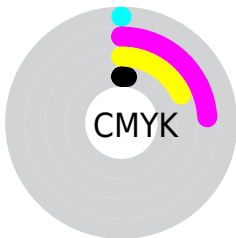
# Distribution



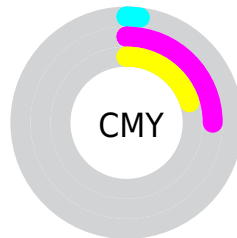
- Red (98%)
- Green (75%)
- Blue (80%)



- Red (98%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (2%)




- Cyan (2%)
- Magenta (25%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2166, 61.7439, 66.0273 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 69.2166, 61.7439, 66.0273 by changing the saturation by 10% instead.





 69.2166, 61.7439,  
66.0273

 69.2166, 61.7439,  
66.0273


447.1040,  
430.9963, 464.8814

 51.1654, 44.8258,  
47.8379


 117.1233,  
107.3553, 115.1529

 36.5618, 31.3202,  
33.3395

147.7095,  
136.8174, 146.9262

 25.0405, 20.8428,  
22.1134


183.2047,  
171.2296, 184.0646

 16.2362, 13.0092,  
13.7411

223.9743,  
210.9764, 226.9866

 9.7833, 7.4349,  
7.8042

270.3837,  
256.4420, 276.1107

 5.3167, 3.7355,  
3.8839

322.7982,

 2.4709, 1.5267,

308.0109, 331.8555

1.5619

381.5832,  
366.0676, 394.6396

■ 0.8806, 0.3074,  
0.2634

■ 0.0000, 0.0000,  
0.0000

■ 69.2166, 61.7439,  
66.0273

■ 69.2166, 61.7439,  
66.0273

■ 62.0927, 50.9339,  
53.0531

■ 77.5566, 74.5424,  
80.7722

■ 56.1220, 42.0042,  
41.7781

■ 87.1613, 89.4136,  
97.3479

■ 51.2434, 34.8487,  
32.1313

■ 93.5940, 99.2494,  
108.8319

■ 47.3883, 29.3479,  
24.0351

■ 44.4798, 25.3670,  
17.4053

■ 42.4296, 22.7499,  
12.1489

■ 41.1311, 21.3061,  
8.1607

■ 40.6455, 20.8540,  
6.3985

# Harmonies

## Analogous

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



67.9705, 61.7439, 81.3245



69.2166, 61.7439, 66.0273



67.5062, 61.7439, 53.0558

# Triad

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



69.2166, 61.7439, 66.0273



53.5023, 61.7439, 45.9001



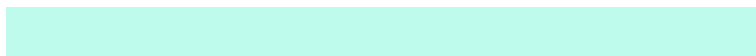
54.1924, 61.7439, 95.8353

# Complementary

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



69.2166, 61.7439, 66.0273



70.8753, 85.9993, 92.2250

# 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.



50.6691, 61.7439, 83.7242



69.2166, 61.7439, 66.0273



50.2875, 61.7439, 54.8635

# Square

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



69.2166, 61.7439, 66.0273



58.2647, 61.7439, 42.5541



49.2811, 61.7439, 68.4444



59.1087, 61.7439, 99.9670



# Rectangle

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



69.2166, 61.7439, 66.0273



64.9750, 61.7439, 47.0494



49.2811, 61.7439, 68.4444



52.8160, 61.7439, 92.4825

# Sweetspot

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



69.2183, 61.7467, 66.0286



87.5254, 88.2984, 96.0715



70.3373, 61.5851, 99.4474



18.6019, 18.6945, 20.3361



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.



69.2183, 61.7467, 66.0286



68.1096, 58.4623, 61.8678



70.9712, 68.0120, 58.1056



17.4196, 17.2952, 18.7993



21.4128, 10.9808, 3.6163



2.0234, 1.0331, 0.5464



# Inverse Universe

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



69.2183, 61.7467, 66.0286



68.1096, 58.4623, 61.8678



68.5736, 77.7613, 102.6627



17.4196, 17.2952, 18.7993



21.4128, 10.9808, 3.6163



2.0234, 1.0331, 0.5464



# Previews

## White Background



This preview shows how the XYZ color 69.2166, 61.7439, 66.0273 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 69.2166, 61.7439, 66.0273 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 69.2166, 61.7439, 66.0273**

## **Background**



This preview shows how black text looks on a background with the XYZ color 69.2166, 61.7439, 66.0273.



This preview shows how white text looks on a background with the XYZ color 69.2166, 61.7439,



# 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

69.2166, 61.7439, 66.0273

### Protanopia

59.9813, 61.9276, 72.4102

### Deuteranopia

63.1123, 61.9512, 65.1313



## Tritanopia

69.2166, 61.7439, 66.0273

# Trichromacy



## Original Color

69.2166, 61.7439, 66.0273

## Protanomaly

63.1526, 61.8590, 70.2395

## Deuteranomaly

65.2311, 61.6724, 65.5926

## Tritanomaly

69.2166, 61.7439, 66.0273

# Monochromacy



## Original Color

69.2166, 61.7439, 66.0273

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

63.7924, 63.2735, 68.5253

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.2166, 61.7439, 66.0273 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(251, 190, 205)` looks like.

```
.text, #text, p{  
    color:rgb(251, 190, 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(251, 190, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 190, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 69.2166, 61.7439, 66.0273 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(251, 190, 205) }
```



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

```
.border{ border-color:rgb(251, 190, 205) }
```

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

Here you see how a box with a 4 pixel rgb(251, 190, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 190, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 190, 205);  
box-shadow:4px 4px 4px 4px rgb(251, 190,  
205) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.2166, 61.7439, 66.0273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 190, 205) }
```

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

```
.background{ background-color: rgb(251,  
190, 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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