

Converting Colors

XYZ(77.2067, 65.1576, 62.9198)

Have a look what the booklet for
XYZ(77.2067, 65.1576, 62.9198)
contains.

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Color

**XYZ(69.6485, 61.3966,
62.8234)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCC8
RGB	255, 188, 200
RGB Percent	100%, 74%, 78%
CMY	0.0000, 0.2627, 0.2157
CMYK	0.00, 0.26, 0.22, 0.00
HSL	349°, 100%, 87%
HSV	349°, 26%, 100%
XYZ	69.6485, 61.3966, 62.8234
YIQ	209.4010, 36.0800, 17.9360

Conversions

Conversions Part 2

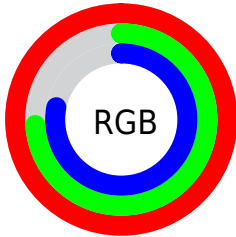
Format	Color
R _Y B	255, 188, 200
Decimal	16760008
CIE Lab	82.59, 25.81, 3.48
CIE LCh	83, 26.047, 7.687
Yxy	61.3966, 0.3593, 0.3167
Android (android.graphics.Color)	4294950088 (0xFFFFBCC8)
YUV	209.4010, -4.6347, 39.9903
Hunter-Lab	78.3560, 21.5408, 7.3123

Details

The XYZ color **69.6485, 61.3966, 62.8234** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.6791, 88.6836, 98.0852**, and the grayscale version is **60.8804, 64.0509, 69.7515**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **36.7394, 30.9958, 31.2405** is the 20% darker color. If you saturate the color by 10%, you get **62.3932, 50.5368, 49.1494**, and if you desaturate by 10%, it is **78.2044, 74.3207, 78.5852**.

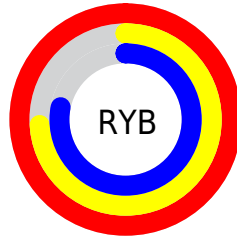
Distribution



Red (100%)

Green (74%)

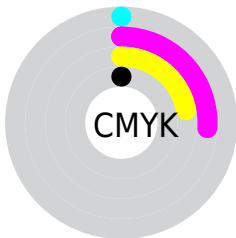
Blue (78%)



Red (100%)

Yellow (74%)

Blue (78%)

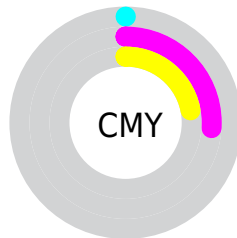


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6485, 61.3966, 62.8234 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 69.6485, 61.3966, 62.8234 by changing the saturation by 10% instead.


 69.6485, 61.3966,
62.8234

 69.6485, 61.3966,
62.8234

448.6005,
429.7267, 453.0186

 51.5186, 44.5453,
45.2583

 117.7364,
106.8530, 110.4978

 36.8442, 31.0994,
31.3165

148.4250,
136.2269, 141.4442

 25.2600, 20.6746,
20.5795


184.0306,
170.5437, 177.6880

 16.4006, 12.8863,
12.6287

224.9186,
210.1880, 219.6479

 9.9007, 7.3503,
7.0457

271.4542,
255.5440, 267.7424

 5.3950, 3.6821,
3.4118


324.0028,

 2.5179, 1.4974,


306.9962, 322.3899


1.3086


382.9298,
364.9289, 384.0092


 0.9043, 0.2869,
0.0688


 0.0000, 0.0000,
0.0000


 69.6485, 61.3966,
62.8234


 69.6485, 61.3966,
62.8234

 62.3932, 50.5368,
49.1494


 78.2044, 74.3207,
78.5852

 56.3695, 41.6263,
37.4713

 88.1159, 89.3998,
96.5137

 51.5094, 34.5515,
27.6958

95.0500, 100.0000,
108.9000

 47.7361, 29.1837,
19.7206

■ 44.9631, 25.3773,
13.4336

■ 43.0906, 22.9622,
8.7096

■ 41.9964, 21.7277,
5.4044

■ 41.7264, 21.4546,
4.4913

Harmonies

Analogous

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



68.8560, 61.3966, 79.2097



69.6485, 61.3966, 62.8234



67.2657, 61.3966, 49.7681

Triad

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



69.6485, 61.3966, 62.8234



52.0384, 61.3966, 45.3611



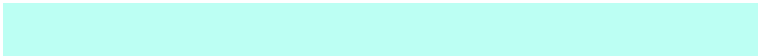
54.3758, 61.3966, 99.5009

Complementary

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



69.6485, 61.3966, 62.8234



72.6791, 88.6836, 98.0852

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.



50.2693, 61.3966, 87.4527



69.6485, 61.3966, 62.8234



48.9810, 61.3966, 55.8488

Square

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



69.6485, 61.3966, 62.8234



56.9320, 61.3966, 40.7864



48.3546, 61.3966, 71.0460



59.8028, 61.3966, 102.1638

Rectangle

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



69.6485, 61.3966, 62.8234



64.2814, 61.3966, 44.0968



48.3546, 61.3966, 71.0460



52.8057, 61.3966, 96.3310

Sweetspot

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



69.6501, 61.3994, 62.8246



86.3037, 86.6358, 93.2572



72.8994, 62.1937, 102.7701



18.1421, 18.0402, 19.3656



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.



69.6501, 61.3994, 62.8246



65.3386, 54.9321, 54.7418



73.1725, 70.6006, 57.3513



18.1421, 18.0402, 19.3656



21.8410, 11.2257, 2.5474



2.1610, 1.1068, 0.4291

Inverse Universe

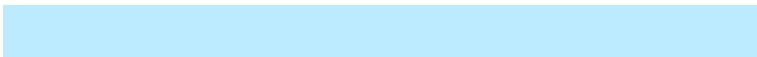
The Inverse Universe completely reimagines the original color for something new.



69.6501, 61.3994, 62.8246



65.3386, 54.9321, 54.7418



68.1524, 76.6357, 105.8079



18.1421, 18.0402, 19.3656



21.8410, 11.2257, 2.5474



2.1610, 1.1068, 0.4291

Previews

White Background



This preview shows how the XYZ color 69.6485, 61.3966, 62.8234 looks on a white background.

Color Contrast Check

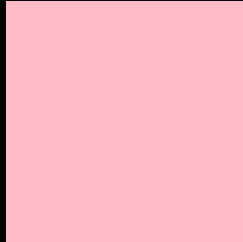
Large Text (above 18pt) WCAG AA × Fail

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 69.6485, 61.3966, 62.8234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

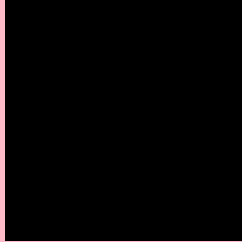
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6485, 61.3966, 62.8234

Background



This preview shows how black text looks on a background with the XYZ color 69.6485, 61.3966, 62.8234.



This preview shows how white text looks on a background with the XYZ color 69.6485, 61.3966,

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

69.6485, 61.3966, 62.8234

Protanopia

59.4766, 61.7257, 69.7523

Deuteranopia

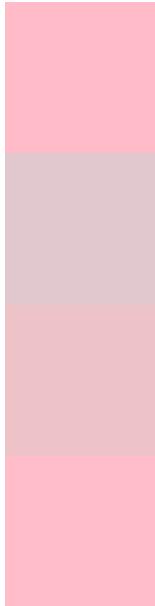
62.9296, 61.5821, 61.9959



Tritanopia

69.8839, 61.4907, 64.0627

Trichromacy



Original Color

69.6485, 61.3966, 62.8234

Protanomaly

62.6153, 61.3106, 66.9265

Deuteranomaly

65.0838, 61.3309, 62.4406

Tritanomaly

69.7658, 61.4435, 63.4411

Monochromacy



Original Color

69.6485, 61.3966, 62.8234

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.3913, 62.3983, 67.0955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6485, 61.3966, 62.8234 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 200) }
```

Border

The CSS property to change the border of an element to XYZ 69.6485, 61.3966, 62.8234 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, 200) }
```


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

```
.border{ border-color:rgb(255, 188, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6485, 61.3966, 62.8234 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
188, 200) }
```

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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