

Converting Colors

XYZ(69.8710, 61.9658, 62.5142)

Have a look what the booklet for
XYZ(69.8710, 61.9658, 62.5142)
contains.

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Color

**XYZ(69.7464, 61.7787,
62.2813)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDC7
RGB	255, 189, 199
RGB Percent	100%, 74%, 78%
CMY	0.0000, 0.2588, 0.2196
CMYK	0.00, 0.26, 0.22, 0.00
HSL	351°, 100%, 87%
HSV	351°, 26%, 100%
XYZ	69.7464, 61.7787, 62.2813
YIQ	209.8740, 36.1260, 17.1020

Conversions

Conversions Part 2

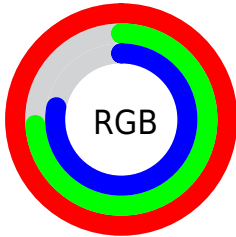
Format	Color
R_{YB}	255, 189, 199
Decimal	16760263
CIE _{Lab}	82.80, 25.14, 4.32
CIE _{LCh}	83, 25.512, 9.741
Yxy	61.7787, 0.3599, 0.3188
Android (android.graphics.Color)	4294950343 (0xFFFFBDC7)
YUV	209.8740, -5.3609, 39.5755
Hunter-Lab	78.5994, 20.8457, 8.0389

Details

The XYZ color **69.7464, 61.7787, 62.2813** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2300, 88.9325, 99.6962**, and the grayscale version is **61.1947, 64.3816, 70.1115**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **36.8008, 31.2426, 30.8789** is the 20% darker color. If you saturate the color by 10%, you get **62.3994, 50.8234, 48.3063**, and if you desaturate by 10%, it is **78.4180, 74.8110, 78.4618**.

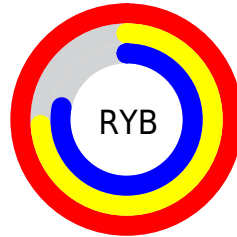
Distribution



Red (100%)

Green (74%)

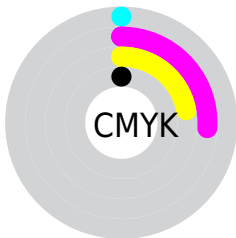
Blue (78%)



Red (100%)

Yellow (74%)

Blue (78%)

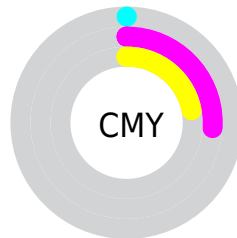


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7464, 61.7787, 62.2813 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 69.7464, 61.7787, 62.2813 by changing the saturation by 10% instead.


 69.7464, 61.7787,
62.2813

 69.7464, 61.7787,
62.2813


448.9394,
431.1234, 450.9924

 51.5987, 44.8539,
44.8228


 117.8753,
107.4056, 109.7075

 36.9083, 31.3424,
30.9759


148.5871,
136.8766, 140.5123

 25.3098, 20.8597,
20.3222

184.2177,
171.2983, 176.6029

 16.4380, 13.0215,
12.4431

225.1324,
211.0553, 218.3979

 9.9274, 7.4433,
6.9200

271.6966,
256.5319, 266.3158

 5.4128, 3.7409,
3.3344

324.2756,

 2.5286, 1.5297,

308.1125, 320.7752

1.2678

383.2347,
366.1816, 382.1945

■ 0.9097, 0.3095,
0.0352

■ 0.0000, 0.0000,
0.0000

■ 69.7464, 61.7787,
62.2813

■ 69.7464, 61.7787,
62.2813

■ 62.3994, 50.8234,
48.3063

■ 78.4180, 74.8110,
78.4618

■ 56.3069, 41.8298,
36.4371

■ 88.4706, 90.0113,
96.9338

■ 51.3994, 34.6841,
26.5720

95.0500, 100.0000,
108.9000

■ 47.5984, 29.2573,
18.5994

■ 44.8161, 25.4039,
12.3964

■ 42.9507, 22.9540,
7.8254

■ 41.8781, 21.6978,
4.7273

■ 41.6000, 21.4040,
3.8255

Harmonies

Analogous

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



69.1863, 61.7787, 78.2844



69.7464, 61.7787, 62.2813



67.2134, 61.7787, 49.7347

Triad

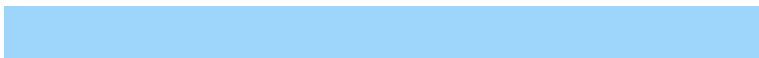
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.7464, 61.7787, 62.2813



52.2269, 61.7787, 46.5994



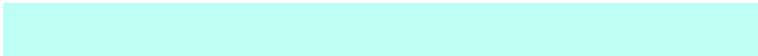
55.1397, 61.7787, 99.7918

Complementary

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



69.7464, 61.7787, 62.2813



73.2300, 88.9325, 99.6962

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.



50.9718, 61.7787, 88.4987



69.7464, 61.7787, 62.2813



49.3642, 61.7787, 57.3341

Square

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



69.7464, 61.7787, 62.2813



56.9513, 61.7787, 41.6587



48.9195, 61.7787, 72.5109



60.5225, 61.7787, 101.6688

Rectangle

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



69.7464, 61.7787, 62.2813



64.1990, 61.7787, 44.3917



48.9195, 61.7787, 72.5109



53.5597, 61.7787, 96.8960

Sweetspot

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



69.7479, 61.7815, 62.2826



86.2210, 86.6027, 92.8218



73.5575, 62.8511, 102.8623



18.1215, 18.0319, 19.2569



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.



69.7479, 61.7815, 62.2826



65.8243, 55.9186, 54.8572



73.7213, 71.5250, 58.0678



18.1215, 18.0319, 19.2569



21.7701, 11.1973, 2.1741



2.1510, 1.1028, 0.3767

Inverse Universe

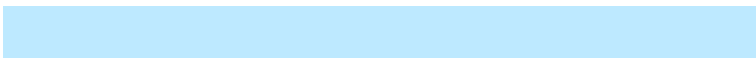
The Inverse Universe completely reimagines the original color for something new.



69.7479, 61.7815, 62.2826



65.8243, 55.9186, 54.8572



68.1773, 76.3186, 105.7454



18.1215, 18.0319, 19.2569



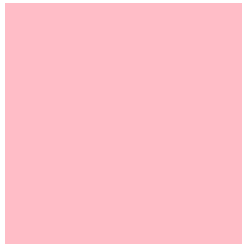
21.7701, 11.1973, 2.1741



2.1510, 1.1028, 0.3767

Previews

White Background



This preview shows how the XYZ color 69.7464, 61.7787, 62.2813 looks on a white background.

Color Contrast Check

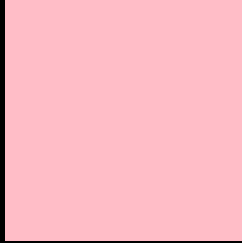
Large Text (above 18pt) WCAG AA × Fail

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 69.7464, 61.7787, 62.2813 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 69.7464, 61.7787, 62.2813

Background



This preview shows how black text looks on a background with the XYZ color 69.7464, 61.7787, 62.2813.



This preview shows how white text looks on a background with the XYZ color 69.7464, 61.7787,

62.2813.

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

69.7464, 61.7787, 62.2813

Protanopia

59.5110, 61.7720, 68.4611

Deuteranopia

63.1346, 61.7011, 61.4053



Tritanopia

70.2171, 61.9670, 64.7599

Trichromacy



Original Color

69.7464, 61.7787, 62.2813

Protanomaly

62.8069, 61.4234, 66.3032

Deuteranomaly

65.3048, 61.4582, 61.8468

Tritanomaly

70.0983, 61.9195, 64.1342

Monochromacy



Original Color

69.7464, 61.7787, 62.2813

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.6251, 62.8660, 67.1735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7464, 61.7787, 62.2813 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 199) }
```

Border

The CSS property to change the border of an element to XYZ 69.7464, 61.7787, 62.2813 is called "border". The border property can be set on classes, ids or directly on the HTML element.

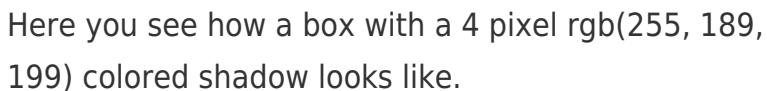
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 189, 199) }
```


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

```
.border{ border-color:rgb(255, 189, 199) }
```

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, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7464, 61.7787, 62.2813 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
189, 199) }
```

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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