

Converting Colors

XYZ(69.2956, 61.6502, 68.4566)

Have a look what the booklet for
XYZ(69.2956, 61.6502, 68.4566)
contains.

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Color

**XYZ(69.3464, 61.7544,
68.5864)**

Conversions

Conversions Part 1

Format	Color
Hex	FABED1
RGB	250, 190, 209
RGB Percent	98%, 75%, 82%
CMY	0.0196, 0.2549, 0.1804
CMYK	0.00, 0.24, 0.16, 0.02
HSL	341°, 86%, 86%
HSV	341°, 24%, 98%
XYZ	69.3464, 61.7544, 68.5864
YIQ	210.1060, 29.6610, 18.6290

Conversions

Conversions Part 2

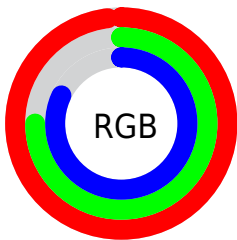
Format	Color
R _Y B	250, 190, 209
Decimal	16432849
CIE Lab	82.78, 24.34, -1.13
CIE LCh	83, 24.363, 357.343
Yxy	61.7544, 0.3473, 0.3093
Android (android.graphics.Color)	4294622929 (0xFF FABED1)
YUV	210.1060, -0.5453, 34.9870
Hunter-Lab	78.5840, 19.9953, 3.2617

Details

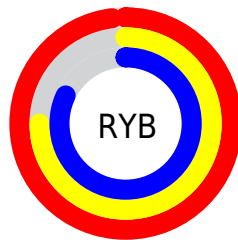
The XYZ color **69.3464, 61.7544, 68.5864** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8472, 85.0894, 88.3480**, and the grayscale version is **61.3195, 64.5129, 70.2545**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **36.7129, 31.3123, 35.1193** is the 20% darker color. If you saturate the color by 10%, you get **62.3860, 51.0387, 56.3840**, and if you desaturate by 10%, it is **77.4659, 74.4239, 82.2957**.

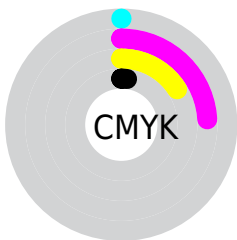
Distribution



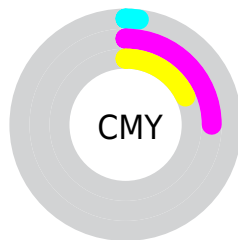
- Red (98%)
- Green (75%)
- Blue (82%)



- Red (98%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (24%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3464, 61.7544, 68.5864 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 69.3464, 61.7544, 68.5864 by changing the saturation by 10% instead.

69.3464, 61.7544,
68.5864

69.3464, 61.7544,
68.5864

447.5540,
431.0347, 474.2252

51.2715, 44.8343,
49.9053

117.3076,
107.3705, 118.8528

36.6467, 31.3269,
34.9675

147.9246,
136.8353, 151.2751

25.1065, 20.8479,
23.3545

183.4530,
171.2503, 189.1149

16.2855, 13.0129,
14.6477

224.2582,
211.0002, 232.7908

9.8186, 7.4374,
8.4287

270.7056,
256.4691, 282.7212

5.3402, 3.7371,
4.2788

323.1604,

2.4850, 1.5276,

308.0416, 339.3247

1.7795

381.9881,
366.1020, 403.0199

■ 0.8877, 0.3081,
0.4144

■ 0.0000, 0.0000,
0.0000

■ 69.3464, 61.7544,
68.5864

■ 69.3464, 61.7544,
68.5864

■ 62.3860, 51.0387,
56.3840

■ 77.4659, 74.4239,
82.2957

■ 56.5249, 42.1706,
45.6314

■ 86.7900, 89.1294,
97.5586

■ 51.7058, 35.0469,
36.2732

■ 93.2346, 99.0641,
108.8150

■ 47.8639, 29.5505,
28.2489

■ 44.9266, 25.5500,
21.4928

■ 42.8108, 22.8930,
15.9329

■ 41.4158, 21.3941,
11.4879

■ 40.8415, 20.8909,
9.3062

Harmonies

Analogous

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



67.5935, 61.7544, 84.0430



69.3464, 61.7544, 68.5864



68.1079, 61.7544, 54.8381

Triad

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



69.3464, 61.7544, 68.5864



54.1885, 61.7544, 44.7278



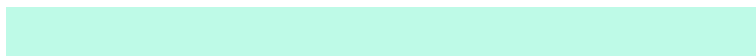
53.4252, 61.7544, 94.5767

Complementary

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



69.3464, 61.7544, 68.5864



69.8472, 85.0894, 88.3480

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.



50.1933, 61.7544, 81.3836



69.3464, 61.7544, 68.5864



50.6152, 61.7544, 52.8407

Square

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



69.3464, 61.7544, 68.5864



59.1639, 61.7544, 42.3386



49.1955, 61.7544, 65.9114



58.2299, 61.7544, 100.3788

Rectangle

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



69.3464, 61.7544, 68.5864



65.7909, 61.7544, 48.1734



49.1955, 61.7544, 65.9114



52.1299, 61.7544, 90.7714

Sweetspot

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



69.3481, 61.7572, 68.5877



87.7153, 88.3744, 97.0718



68.6260, 60.7211, 98.5464



18.6458, 18.7121, 20.5673



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.



69.3481, 61.7572, 68.5877



68.7288, 58.7100, 65.1284



69.6074, 65.8178, 57.7541



17.4710, 17.3158, 19.0701



21.7208, 11.1040, 5.2382



2.0576, 1.0468, 0.7267

Inverse Universe

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



69.3481, 61.7572, 68.5877



68.7288, 58.7100, 65.1284



69.3592, 79.5841, 102.1487



17.4710, 17.3158, 19.0701



21.7208, 11.1040, 5.2382



2.0576, 1.0468, 0.7267

Previews

White Background



This preview shows how the XYZ color 69.3464, 61.7544, 68.5864 looks on a white background.

Color Contrast Check

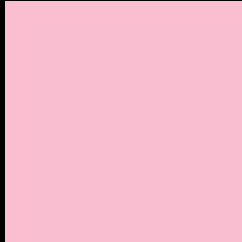
Large Text (above 18pt) WCAG AA × Fail

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 69.3464, 61.7544, 68.5864 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 69.3464, 61.7544, 68.5864

Background



This preview shows how black text looks on a background with the XYZ color 69.3464, 61.7544, 68.5864.

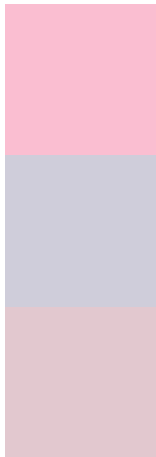


This preview shows how white text looks on a background with the XYZ color 69.3464, 61.7544,

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

69.3464, 61.7544, 68.5864

Protanopia

60.2183, 61.9900, 75.1211

Deuteranopia

63.2808, 61.9823, 67.6600



Tritanopia

69.0746, 61.9934, 66.0829

Trichromacy



Original Color

69.3464, 61.7544, 68.5864

Protanomaly

63.3514, 61.9028, 72.8994

Deuteranomaly

65.3860, 61.6961, 68.1368

Tritanomaly

69.1957, 62.0418, 66.7208

Monochromacy



Original Color

69.3464, 61.7544, 68.5864

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

64.0401, 63.3726, 69.8296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3464, 61.7544, 68.5864 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(250, 190, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 190, 209)  
}
```

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(250, 190, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 190, 209) }
```

Border

The CSS property to change the border of an element to XYZ 69.3464, 61.7544, 68.5864 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(250, 190, 209) }
```


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

```
.border{ border-color:rgb(250, 190, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 190, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 190, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 190, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 190,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3464, 61.7544, 68.5864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 190, 209) }
```

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

```
.background{ background-color: rgb(250,  
190, 209) }
```

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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