

Converting Colors

XYZ(69.0814, 64.6591, 70.3534)

Have a look what the booklet for
XYZ(69.0814, 64.6591, 70.3534)
contains.

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Color

**XYZ(69.1434, 64.6047,
70.4537)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C7D3
RGB	243, 199, 211
RGB Percent	95%, 78%, 83%
CMY	0.0471, 0.2196, 0.1725
CMYK	0.00, 0.18, 0.13, 0.05
HSL	344°, 65%, 87%
HSV	344°, 18%, 95%
XYZ	69.1434, 64.6047, 70.4537
YIQ	213.5240, 22.3720, 13.0600

Conversions

Conversions Part 2

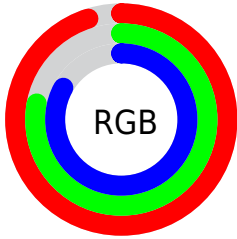
Format	Color
R _Y B	243, 199, 211
Decimal	15976403
CIE Lab	84.28, 17.44, -0.09
CIE LCh	84, 17.444, 359.704
Yxy	64.6047, 0.3386, 0.3164
Android (android.graphics.Color)	4294166483 (0xFFFF3C7D3)
YUV	213.5240, -1.2443, 25.8505
Hunter-Lab	80.3770, 12.8927, 4.2939

Details

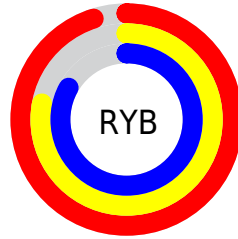
The XYZ color **69.1434, 64.6047, 70.4537** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0301, 82.0144, 87.7446**, and the grayscale version is **63.5959, 66.9078, 72.8626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4609, 33.1242, 36.3702** is the 20% darker color. If you saturate the color by 10%, you get **61.8973, 53.4652, 57.7009**, and if you desaturate by 10%, it is **77.5295, 77.6329, 84.7901**.

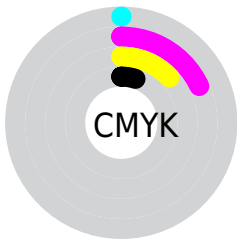
Distribution



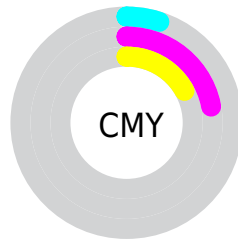
- Red (95%)
- Green (78%)
- Blue (83%)



- Red (95%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1434, 64.6047, 70.4537 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 69.1434, 64.6047, 70.4537 by changing the saturation by 10% instead.

69.1434, 64.6047,
70.4537

69.1434, 64.6047,
70.4537

446.8500,
441.3701, 480.9735

51.1056, 47.1406,
51.4174

117.0193,
111.4813, 121.5427

36.5140, 33.1468,
36.1619

147.5881,
141.6627, 154.4325

25.0034, 22.2390,
24.2686

183.0646,
176.8519, 192.7772

16.2083, 14.0326,
15.3189

223.8142,
217.4334, 236.9954

9.7635, 8.1433,
8.8944

270.2021,
263.7916, 287.5056

5.3035, 4.1868,
4.5765

322.5939,

2.4630, 1.7786,

316.3108, 344.7263

1.9466

381.3547,
375.3755, 409.0761

0.8766, 0.4738,
0.5222

0.0000, 0.0000,
0.0000

69.1434, 64.6047,
70.4537

69.1434, 64.6047,
70.4537

61.8973, 53.4652,
57.7009

77.5295, 77.6329,
84.7901

55.7357, 44.1181,
46.4722

87.0972, 92.6230,
100.7585

50.6064, 36.4714,
36.7102

90.7724, 97.7948,
108.6998

46.4507, 30.4218,
28.3521

■ 43.2037, 25.8544,
21.3306

■ 40.7923, 22.6388,
15.5720

■ 39.1312, 20.6216,
10.9948

■ 38.1054, 19.5920,
7.5025

■ 37.9533, 19.4512,
6.9479

Harmonies

Analogous

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



68.0504, 64.6047, 81.6408



69.1434, 64.6047, 70.4537



68.0915, 64.6047, 60.3117

Triad

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



69.1434, 64.6047, 70.4537



57.7941, 64.6047, 53.4227



57.7301, 64.6047, 90.3758

Complementary

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



69.1434, 64.6047, 70.4537



70.0301, 82.0144, 87.7446

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.



55.1709, 64.6047, 81.4304



69.1434, 64.6047, 70.4537



55.2067, 64.6047, 60.1397

Square

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



69.1434, 64.6047, 70.4537



61.4433, 64.6047, 51.1277



54.2663, 64.6047, 70.2335



61.3664, 64.6047, 93.8559

Rectangle

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



69.1434, 64.6047, 70.4537



66.3397, 64.6047, 55.3215



54.2663, 64.6047, 70.2335



56.7210, 64.6047, 87.8650

Sweetspot

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



69.1452, 64.6076, 70.4551



89.6592, 91.5502, 99.9141



69.4078, 64.2324, 93.5345



19.0344, 19.3510, 21.1234



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.



69.1452, 64.6076, 70.4551



73.8031, 66.9259, 72.7778



69.9592, 68.5532, 63.5813



16.6847, 16.5567, 18.0864



20.8783, 10.6948, 4.0676



1.8764, 0.9565, 0.5756

Inverse Universe

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



69.1452, 64.6076, 70.4551



73.8031, 66.9259, 72.7778



69.0043, 77.1575, 96.0506



16.6847, 16.5567, 18.0864



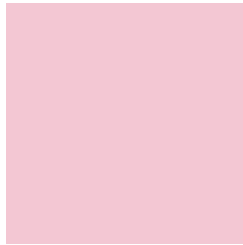
20.8783, 10.6948, 4.0676



1.8764, 0.9565, 0.5756

Previews

White Background



This preview shows how the XYZ color 69.1434, 64.6047, 70.4537 looks on a white background.

Color Contrast Check

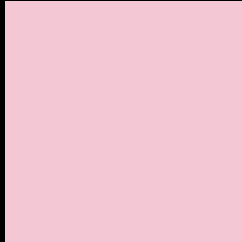
Large Text (above 18pt) WCAG AA × Fail

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 69.1434, 64.6047, 70.4537 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 69.1434, 64.6047, 70.4537

Background



This preview shows how black text looks on a background with the XYZ color 69.1434, 64.6047, 70.4537.



This preview shows how white text looks on a background with the XYZ color 69.1434, 64.6047, 70.4537.

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

69.1434, 64.6047, 70.4537

Protanopia

62.4762, 64.6077, 74.8233

Deuteranopia

66.1807, 64.8278, 69.9977



Tritanopia

69.5232, 64.7566, 72.4533

Trichromacy



Original Color

69.1434, 64.6047, 70.4537

Protanomaly

64.5285, 64.2569, 73.2918

Deuteranomaly

67.0143, 64.5564, 69.9014

Tritanomaly

69.3958, 64.7056, 71.7827

Monochromacy



Original Color

69.1434, 64.6047, 70.4537

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.8620, 66.4126, 72.2984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1434, 64.6047, 70.4537 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(243, 199, 211)` looks like.

```
.text, #text, p{  
    color:rgb(243, 199, 211)  
}
```

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(243, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 199, 211) }
```

Border

The CSS property to change the border of an element to XYZ 69.1434, 64.6047, 70.4537 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(243, 199, 211) }
```


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

```
.border{ border-color:rgb(243, 199, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 199, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 199, 211);  
box-shadow:4px 4px 4px 4px rgb(243, 199,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1434, 64.6047, 70.4537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 199, 211) }
```

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

```
.background{ background-color: rgb(243,  
199, 211) }
```

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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