

Converting Colors

XYZ(67.4966, 70.0972, 41.9850)

Have a look what the booklet for
XYZ(67.4966, 70.0972, 41.9850)
contains.

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Color

**XYZ(67.3484, 70.0899,
41.8773)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D79D
RGB	243, 215, 157
RGB Percent	95%, 84%, 62%
CMY	0.0471, 0.1568, 0.3843
CMYK	0.00, 0.12, 0.35, 0.05
HSL	40°, 78%, 78%
HSV	40°, 35%, 95%
XYZ	67.3484, 70.0899, 41.8773
YIQ	216.7600, 35.3060, -12.1020

Conversions

Conversions Part 2

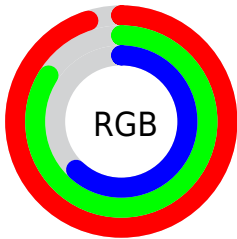
Format	Color
R _Y B	199, 243, 157
Decimal	15980445
CIE Lab	87.04, 1.62, 32.21
CIE LCh	87, 32.251, 87.127
Yxy	70.0899, 0.3756, 0.3909
Android (android.graphics.Color)	4294170525 (0xFFFF3D79D)
YUV	216.7600, -29.4617, 23.0125
Hunter-Lab	83.7197, -2.9150, 28.9464

Details

The XYZ color **67.3484, 70.0899, 41.8773** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.4308, 48.3355, 91.6239**, and the grayscale version is **65.9689, 69.4044, 75.5814**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **35.3703, 36.6006, 18.5650** is the 20% darker color. If you saturate the color by 10%, you get **63.5114, 65.4122, 31.3609**, and if you desaturate by 10%, it is **71.6990, 75.1339, 54.6020**.

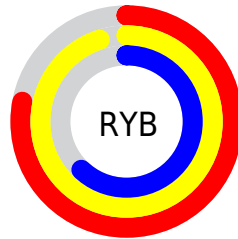
Distribution



Red (95%)

Green (84%)

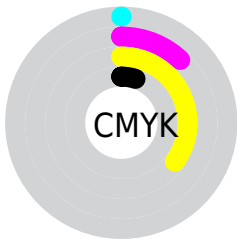
Blue (62%)



Red (78%)

Yellow (95%)

Blue (62%)

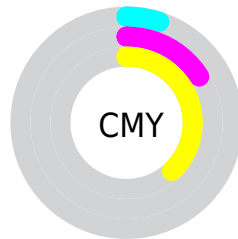


Cyan (0%)

Magenta (12%)

Yellow (35%)

Black (5%)



Cyan (5%)


Magenta (16%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3484, 70.0899, 41.8773 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 67.3484, 70.0899, 41.8773 by changing the saturation by 10% instead.


 67.3484, 70.0899,
41.8773

 67.3484, 70.0899,
41.8773


440.5969,
460.8656, 369.7587

 49.6396, 51.5998,
28.6804


 114.4665,
119.3369, 79.2820

 35.3437, 36.6862,
18.5957


 144.6065,
150.8627, 104.3268

 24.0955, 24.9646,
11.2046


179.6210,
187.5025, 134.1580

 15.5296, 16.0507,
6.0887

219.8752,
229.6407, 169.1941

 9.2806, 9.5600,
2.8295

265.7345,
277.6617, 209.8537

 4.9833, 5.1082,
1.0082

317.5643,

 2.2721, 2.3109,

331.9500, 256.5553

0.0000

375.7300,
392.8898, 309.7175

■ 0.7803, 0.7795,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.3484, 70.0899,
41.8773

■ 67.3484, 70.0899,
41.8773

■ 63.5114, 65.4122,
31.3609

■ 71.6990, 75.1339,
54.6020

■ 60.1567, 61.0785,
22.9185

■ 76.5818, 80.5463,
69.6500

■ 57.2575, 57.0785,
16.4079

■ 82.0207, 86.3411,
87.1333

■ 54.7816, 53.3970,
11.6669

■ 88.0367, 92.5289,
107.1554

■ 52.6919, 50.0168,
8.5065

■ 90.6309, 97.5121,
108.6527

■ 50.9427, 46.9172,
6.6937

■ 90.7722, 97.7947,
108.6998

■ 50.2196, 45.5696,
6.1490

Harmonies

Analogous

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



74.8099, 70.0899, 46.4607



67.3484, 70.0899, 41.8773



60.2179, 70.0899, 44.9803

Triad

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



67.3484, 70.0899, 41.8773



54.5192, 70.0899, 96.8787



79.5653, 70.0899, 101.1709

Complementary

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



67.3484, 70.0899, 41.8773



47.4308, 48.3355, 91.6239

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.



73.4569, 70.0899, 119.6044



67.3484, 70.0899, 41.8773



59.0478, 70.0899, 116.8156

Square

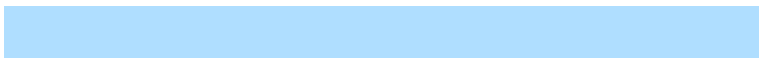
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.3484, 70.0899, 41.8773



53.1500, 70.0899, 74.2517



65.8936, 70.0899, 125.8067



82.1890, 70.0899, 78.4182

Rectangle

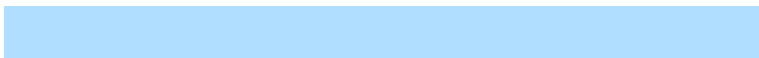
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.3484, 70.0899, 41.8773



56.5388, 70.0899, 51.3870



65.8936, 70.0899, 125.8067



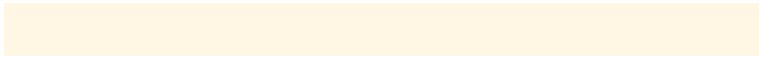
77.8299, 70.0899, 108.2303

Sweetspot

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



67.3502, 70.0931, 41.8787



88.0142, 92.6353, 85.8784



57.8471, 46.7004, 52.2347



18.6645, 19.6413, 17.8247



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.



67.3502, 70.0931, 41.8787



72.2066, 74.6534, 38.5793



70.3435, 83.1389, 44.2391



17.4335, 18.3511, 17.4208



27.6902, 25.2661, 3.4174



2.5269, 2.4071, 0.3314

Inverse Universe

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



47.4308, 48.3355, 91.6239



47.1293, 47.2758, 101.2489



45.1026, 39.2813, 89.9990



16.0216, 16.8076, 20.9423



10.5261, 6.8460, 47.3046



1.0148, 0.7810, 4.1875

Previews

White Background



This preview shows how the XYZ color 67.3484, 70.0899, 41.8773 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 67.3484, 70.0899, 41.8773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

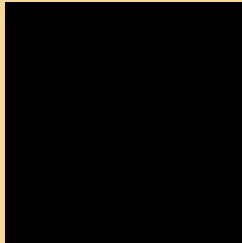
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3484, 70.0899, 41.8773

Background



This preview shows how black text looks on a background with the XYZ color 67.3484, 70.0899, 41.8773.



This preview shows how white text looks on a background with the XYZ color 67.3484, 70.0899,

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

67.3484, 70.0899, 41.8773

Protanopia

65.5039, 70.2736, 42.4595

Deuteranopia

71.0781, 70.0698, 45.3759



Tritanopia

74.8149, 69.7943, 79.3405

Trichromacy



Original Color

67.3484, 70.0899, 41.8773

Protanomaly

66.2443, 70.2715, 42.4201

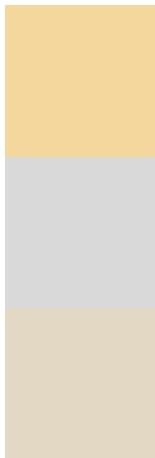
Deuteranomaly

69.8487, 70.2048, 44.0519

Tritanomaly

71.4670, 69.4986, 63.6807

Monochromacy



Original Color

67.3484, 70.0899, 41.8773

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.7702, 69.2206, 61.5242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3484, 70.0899, 41.8773 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, 215, 157)` looks like.

```
.text, #text, p{  
    color:rgb(243, 215, 157)  
}
```

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, 215, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 215, 157) }
```

Border

The CSS property to change the border of an element to XYZ 67.3484, 70.0899, 41.8773 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, 215, 157) }
```


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

```
.border{ border-color:rgb(243, 215, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 215, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 215, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 215, 157);  
box-shadow:4px 4px 4px 4px rgb(243, 215,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3484, 70.0899, 41.8773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 215, 157) }
```

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

```
.background{ background-color: rgb(243,  
215, 157) }
```

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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