

Converting Colors

XYZ(66.0363, 67.2862, 41.6192)

Have a look what the booklet for
XYZ(66.0363, 67.2862, 41.6192)
contains.

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Color

**XYZ(65.8484, 67.0899,
41.3774)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D19D
RGB	243, 209, 157
RGB Percent	95%, 82%, 62%
CMY	0.0471, 0.1804, 0.3843
CMYK	0.00, 0.14, 0.35, 0.05
HSL	36°, 78%, 78%
HSV	36°, 35%, 95%
XYZ	65.8484, 67.0899, 41.3774
YIQ	213.2380, 36.9560, -8.9640

Conversions

Conversions Part 2

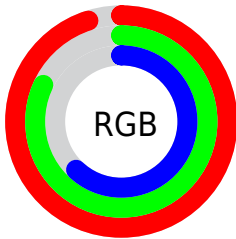
Format	Color
R _Y B	213, 243, 157
Decimal	15978909
CIE Lab	85.55, 4.71, 30.22
CIE LCh	86, 30.585, 81.138
Yxy	67.0899, 0.3778, 0.3849
Android (android.graphics.Color)	4294168989 (0xFFFF3D19D)
YUV	213.2380, -27.7253, 26.1013
Hunter-Lab	81.9084, 0.1612, 27.3846

Details

The XYZ color **65.8484, 67.0899, 41.3774** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7126, 50.8992, 92.0511**, and the grayscale version is **63.5690, 66.8796, 72.8319**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **34.5208, 34.9017, 18.2819** is the 20% darker color. If you saturate the color by 10%, you get **61.6910, 61.7714, 30.7541**, and if you desaturate by 10%, it is **70.5640, 72.8639, 54.2237**.

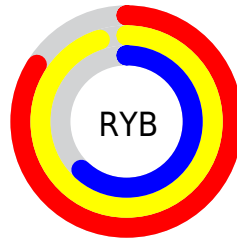
Distribution



Red (95%)

Green (82%)

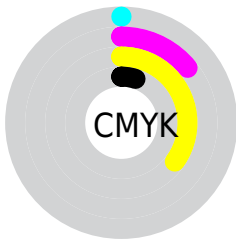
Blue (62%)



Red (84%)

Yellow (95%)

Blue (62%)

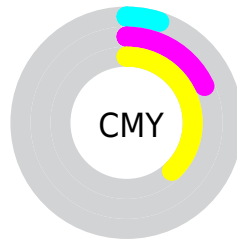


Cyan (0%)

Magenta (14%)

Yellow (35%)

Black (5%)



Cyan (5%)


Magenta (18%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8484, 67.0899, 41.3774 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 65.8484, 67.0899, 41.3774 by changing the saturation by 10% instead.


 65.8484, 67.0899,
41.3774


 65.8484, 67.0899,
41.3774


435.3317,
450.2647, 367.6187

 48.4166, 49.1577,
28.2922


 112.3277,
115.0492, 78.5164

 34.3695, 34.7446,
18.3051


 142.1058,
145.8451, 103.4072

 23.3419, 23.4662,
10.9975


176.7301,
181.6977, 133.0703

 14.9682, 14.9381,
5.9510

216.5660,
222.9914, 167.9242

 8.8833, 8.7760,
2.7470

261.9787,
270.1105, 208.3874

 4.7216, 4.5953,
0.9670

313.3337,

 2.1179, 2.0119,

323.4395, 254.8786

0.0000

370.9962,
383.3628, 307.8162

■ 0.6989, 0.6143,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8484, 67.0899,
41.3774

■ 65.8484, 67.0899,
41.3774

■ 61.6910, 61.7714,
30.7541

■ 70.5640, 72.8639,
54.2237

■ 58.0595, 56.8842,
22.2195

■ 75.8576, 79.0979,
69.4087

■ 54.9260, 52.4155,
15.6308

■ 81.7542, 85.8082,
87.0445

■ 52.2570, 48.3478,
10.8254

■ 88.2758, 93.0070,
107.2352

■ 50.0142, 44.6613,
7.6139

■ 90.7722, 97.7947,
108.6998

■ 48.1505, 41.3329,
5.7630

■ 47.3874, 39.9051,
5.2049

Harmonies

Analogous

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



72.5271, 67.0899, 47.1115



65.8484, 67.0899, 41.3774



59.0670, 67.0899, 42.8450

Triad

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



65.8484, 67.0899, 41.3774



52.0942, 67.0899, 87.7426



74.7519, 67.0899, 99.7983

Complementary

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



65.8484, 67.0899, 41.3774



48.7126, 50.8992, 92.0511

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.



68.7098, 67.0899, 114.8894



65.8484, 67.0899, 41.3774



55.7422, 67.0899, 107.0967

Square

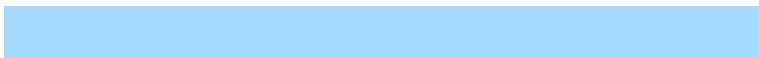
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8484, 67.0899, 41.3774



51.4504, 67.0899, 67.3093



61.7298, 67.0899, 117.7788



77.9072, 67.0899, 79.1071

Rectangle

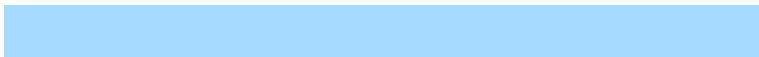
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.8484, 67.0899, 41.3774



55.3711, 67.0899, 47.8450



61.7298, 67.0899, 117.7788



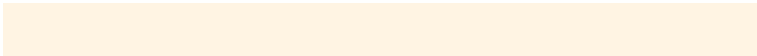
72.9712, 67.0899, 105.8401

Sweetspot

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



65.8501, 67.0930, 41.3788



87.4225, 91.4518, 85.6812



58.4677, 46.9486, 55.5024



18.5232, 19.3587, 17.7776



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.



65.8501, 67.0930, 41.3788



70.2874, 70.8150, 37.9396



72.1998, 84.0958, 44.3260



17.3329, 18.1500, 17.3873



26.1431, 22.1718, 2.9017



2.3978, 2.1488, 0.2884

Inverse Universe

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



48.7126, 50.8992, 92.0511



48.7091, 50.4355, 101.7755



43.8775, 38.6497, 89.9416



16.1186, 17.0014, 20.9746



11.2999, 8.3936, 47.5626



1.0904, 0.9323, 4.2127

Previews

White Background



This preview shows how the XYZ color 65.8484, 67.0899, 41.3774 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 65.8484, 67.0899, 41.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

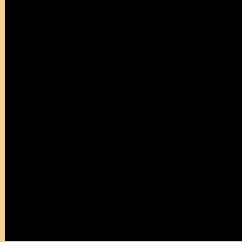
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8484, 67.0899, 41.3774

Background



This preview shows how black text looks on a background with the XYZ color 65.8484, 67.0899, 41.3774.



This preview shows how white text looks on a background with the XYZ color 65.8484, 67.0899,

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

65.8484, 67.0899, 41.3774

Protanopia

62.6177, 67.2544, 42.4820

Deuteranopia

68.5109, 67.0139, 41.6718



Tritanopia

72.4780, 66.9228, 74.7430

Trichromacy



Original Color

65.8484, 67.0899, 41.3774

Protanomaly

63.6467, 67.0480, 41.9348

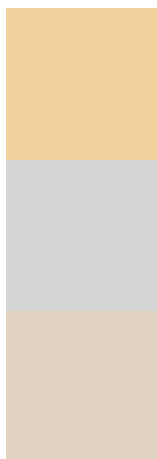
Deuteranomaly

67.3098, 66.7510, 41.6844

Tritanomaly

69.8010, 66.9000, 60.8638

Monochromacy



Original Color

65.8484, 67.0899, 41.3774

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.9096, 66.7845, 59.9744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8484, 67.0899, 41.3774 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, 209, 157)` looks like.

```
.text, #text, p{  
    color:rgb(243, 209, 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, 209, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 209, 157) }
```

Border

The CSS property to change the border of an element to XYZ 65.8484, 67.0899, 41.3774 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, 209, 157) }
```


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

```
.border{ border-color:rgb(243, 209, 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, 209, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 209, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 209, 157);  
box-shadow:4px 4px 4px 4px rgb(243, 209,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8484, 67.0899, 41.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 209, 157) }
```

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

```
.background{ background-color: rgb(243,  
209, 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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