

Converting Colors

XYZ(67.2385, 66.3758, 42.4897)

Have a look what the booklet for
XYZ(67.2385, 66.3758, 42.4897)
contains.

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Color

**XYZ(67.2434, 66.3404,
42.5186)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CDA0
RGB	249, 205, 160
RGB Percent	98%, 80%, 63%
CMY	0.0235, 0.1961, 0.3725
CMYK	0.00, 0.18, 0.36, 0.02
HSL	30°, 88%, 80%
HSV	30°, 36%, 98%
XYZ	67.2434, 66.3404, 42.5186
YIQ	213.0260, 40.6690, -4.6670

Conversions

Conversions Part 2

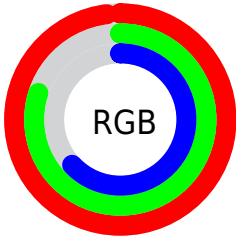
Format	Color
R _Y B	247, 249, 160
Decimal	16371104
CIE Lab	85.17, 9.45, 28.25
CIE LCh	85, 29.785, 71.501
Yxy	66.3404, 0.3818, 0.3767
Android (android.graphics.Color)	4294561184 (0xFFF9CDA0)
YUV	213.0260, -26.1418, 31.5492
Hunter-Lab	81.4496, 4.8297, 26.0640

Details

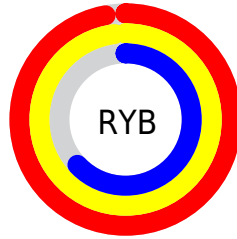
The XYZ color **67.2434, 66.3404, 42.5186** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.1883, 57.4971, 97.9173**, and the grayscale version is **63.4150, 66.7175, 72.6553**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **35.2592, 34.2923, 18.9481** is the 20% darker color. If you saturate the color by 10%, you get **62.4505, 59.8982, 31.2293**, and if you desaturate by 10%, it is **72.7076, 73.4266, 56.1853**.

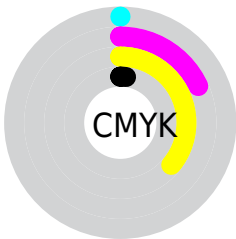
Distribution



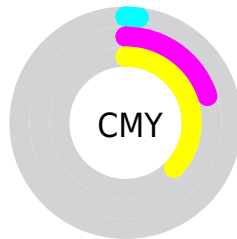
- Red (98%)
- Green (80%)
- Blue (63%)



- Red (97%)
- Yellow (98%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2434, 66.3404, 42.5186 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 67.2434, 66.3404, 42.5186 by changing the saturation by 10% instead.

 67.2434, 66.3404,
42.5186


 67.2434, 66.3404,
42.5186


440.2295,
447.5933, 372.4911

 49.5539, 48.5488,
29.1790


 114.3170,
113.9748, 80.2624

 35.2754, 34.2617,
18.9695

 144.4318,
144.5863, 105.5038

 24.0426, 23.0947,
11.4717


179.4190,
180.2399, 135.5494

 15.4901, 14.6635,
6.2669

219.6440,
221.3200, 170.8179

 9.2526, 8.5835,
2.9366

265.4723,
268.2110, 211.7277

 4.9648, 4.4705,
1.0624

317.2690,

 2.2611, 1.9401,

321.2973, 258.6976

0.0000

375.3997,
380.9633, 312.1458

■ 0.7747, 0.5723,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2434, 66.3404,
42.5186

■ 67.2434, 66.3404,
42.5186

■ 62.4505, 59.8982,
31.2293

■ 72.7076, 73.4266,
56.1853

■ 58.2923, 54.0697,
22.1737

■ 78.8673, 81.1673,
72.3536

■ 54.7361, 48.8353,
15.1986

■ 85.7512, 89.5846,
91.1436

■ 51.7434, 44.1706,
10.1295

■ 92.6352, 98.3963,
108.7177

■ 49.2699, 40.0483,
6.7627

■ 92.8770, 98.8798,
108.7983

■ 47.2621, 36.4371,
4.8467

■ 46.5168, 35.0394,
4.3116

Harmonies

Analogous

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



73.2344, 66.3404, 50.3841



67.2434, 66.3404, 42.5186



60.5134, 66.3404, 41.7029

Triad

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



67.2434, 66.3404, 42.5186



51.2224, 66.3404, 79.8652



72.0092, 66.3404, 103.6410

Complementary

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



67.2434, 66.3404, 42.5186



53.1883, 57.4971, 97.9173

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.



65.6659, 66.3404, 114.8981



67.2434, 66.3404, 42.5186



53.8647, 66.3404, 99.6312

Square

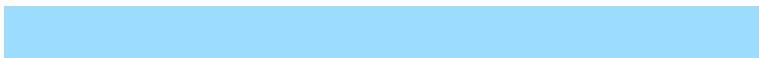
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2434, 66.3404, 42.5186



51.5785, 66.3404, 61.1177



59.0434, 66.3404, 113.3126



76.1178, 66.3404, 84.6212

Rectangle

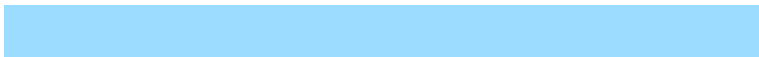
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2434, 66.3404, 42.5186



56.5417, 66.3404, 45.0546



59.0434, 66.3404, 113.3126



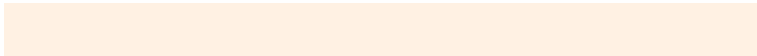
70.0493, 66.3404, 108.5987

Sweetspot

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



67.2451, 66.3435, 42.5199



86.5933, 89.7934, 85.4048



62.5974, 49.6657, 63.7295



18.3255, 18.9633, 17.7117



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.



67.2451, 66.3435, 42.5199



67.2173, 64.9941, 35.9322



79.2880, 90.4293, 46.5342



17.9701, 18.6760, 18.1201



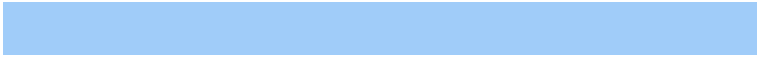
25.0422, 19.0410, 2.3554



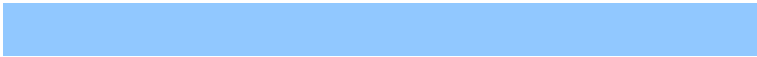
2.4254, 1.9757, 0.2535

Inverse Universe

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



53.1883, 57.4971, 97.9173



50.3396, 54.3732, 102.4496



44.1676, 39.4556, 94.9104



16.9917, 18.0602, 21.9757



13.0916, 11.5388, 49.5108



1.3184, 1.2805, 4.6208

Previews

White Background



This preview shows how the XYZ color 67.2434, 66.3404, 42.5186 looks on a white background.

Color Contrast Check

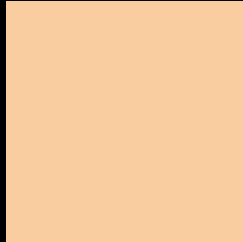
Large Text (above 18pt) WCAG AA × Fail

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 67.2434, 66.3404, 42.5186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

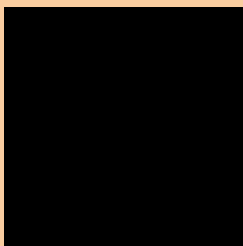
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2434, 66.3404, 42.5186

Background



This preview shows how black text looks on a background with the XYZ color 67.2434, 66.3404, 42.5186.



This preview shows how white text looks on a background with the XYZ color 67.2434, 66.3404,

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

67.2434, 66.3404, 42.5186

Protanopia

62.0837, 66.5637, 44.2263

Deuteranopia

67.7217, 66.2330, 42.4726



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

67.2434, 66.3404, 42.5186

Protanomaly

63.8291, 66.3640, 43.6278

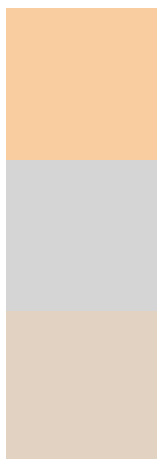
Deuteranomaly

67.3624, 66.0478, 42.4558

Tritanomaly

71.1323, 66.5510, 60.1355

Monochromacy



Original Color

67.2434, 66.3404, 42.5186

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.1482, 66.1570, 60.4275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2434, 66.3404, 42.5186 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(249, 205, 160)` looks like.

```
.text, #text, p{  
    color:rgb(249, 205, 160)  
}
```

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(249, 205, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 205, 160) }
```

Border

The CSS property to change the border of an element to XYZ 67.2434, 66.3404, 42.5186 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(249, 205, 160) }
```


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

```
.border{ border-color:rgb(249, 205, 160) }
```

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

Here you see how a box with a 4 pixel rgb(249, 205, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 205, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 205, 160);  
box-shadow:4px 4px 4px 4px rgb(249, 205,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2434, 66.3404, 42.5186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 205, 160) }
```

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

```
.background{ background-color: rgb(249,  
205, 160) }
```

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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