

Converting Colors

XYZ(69.0355, 69.4625, 33.9731)

Have a look what the booklet for
XYZ(69.0355, 69.4625, 33.9731)
contains.

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Color

**XYZ(69.1217, 69.6835,
33.8519)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD38A
RGB	255, 211, 138
RGB Percent	100%, 83%, 54%
CMY	0.0000, 0.1725, 0.4588
CMYK	0.00, 0.17, 0.46, 0.00
HSL	37°, 100%, 77%
HSV	37°, 46%, 100%
XYZ	69.1217, 69.6835, 33.8519
YIQ	215.8340, 49.6570, -13.3750

Conversions

Conversions Part 2

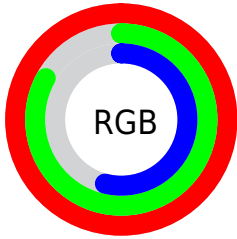
Format	Color
R_{YB}	209, 255, 138
Decimal	16765834
CIE _{Lab}	86.84, 6.36, 41.82
CIE _{LCh}	87, 42.304, 81.360
Yxy	69.6835, 0.4003, 0.4036
Android (android.graphics.Color)	4294955914 (0xFFFFD38A)
YUV	215.8340, -38.3722, 34.3486
Hunter-Lab	83.4766, 1.7204, 34.3900

Details

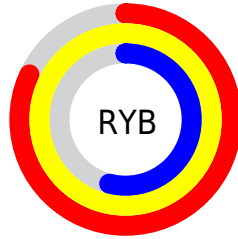
The XYZ color **69.1217, 69.6835, 33.8519** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.2586, 46.0774, 101.1160**, and the grayscale version is **65.3880, 68.7933, 74.9159**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **36.5422, 36.5378, 14.1433** is the 20% darker color. If you saturate the color by 10%, you get **65.1768, 64.4095, 24.4734**, and if you desaturate by 10%, it is **73.6455, 75.4216, 45.5630**.

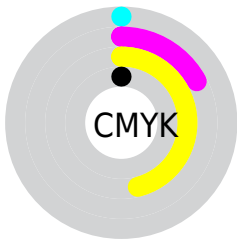
Distribution



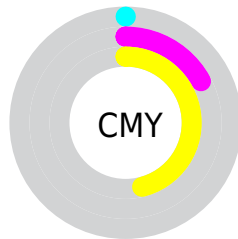
- Red (100%)
- Green (83%)
- Blue (54%)



- Red (82%)
- Yellow (100%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (17%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1217, 69.6835, 33.8519 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 69.1217, 69.6835, 33.8519 by changing the saturation by 10% instead.


 69.1217, 69.6835,
33.8519

 69.1217, 69.6835,
33.8519


446.7748,
459.4379, 334.2202


 51.0878, 51.2686,
22.5034


 116.9885,
118.7573, 66.8346

 36.4998, 36.4224,
14.0254


 147.5521,
150.1849, 89.3058

 24.9924, 24.7606,
7.9994


 183.0231,
186.7189, 116.3217

 16.2001, 15.8988,
4.0068

223.7667,
228.7436, 148.3008

 9.7576, 9.4525,
1.6291

270.1483,
276.6435, 185.6617

 5.2996, 5.0375,
0.3114

322.5333,

 2.4606, 2.2693,

330.8029, 228.8228

0.0000

381.2870,
391.6063, 278.2028

■ 0.8754, 0.7574,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1217, 69.6835,
33.8519

■ 69.1217, 69.6835,
33.8519

■ 65.1768, 64.4095,
24.4734

■ 73.6455, 75.4216,
45.5630

■ 61.7726, 59.5726,
17.2602

■ 78.7733, 81.6300,
59.7497

■ 58.8732, 55.1571,
12.0296

■ 84.5347, 88.3267,
76.5484

■ 56.4355, 51.1415,
8.5661

■ 90.9556, 95.5257,
96.0842

■ 54.4061, 47.5002, 95.0499, 99.9999,
6.6027 108.9000

■ 53.6579, 46.0959,
6.0693

Harmonies

Analogous

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



78.7921, 69.6835, 40.8693



69.1217, 69.6835, 33.8519



59.5628, 69.6835, 35.7029

Triad

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



69.1217, 69.6835, 33.8519



50.0955, 69.6835, 97.4219



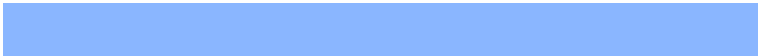
82.1746, 69.6835, 115.0863

Complementary

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



69.1217, 69.6835, 33.8519



45.2586, 46.0774, 101.1160

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.



73.3815, 69.6835, 138.5195



69.1217, 69.6835, 33.8519



55.0832, 69.6835, 126.6870

Square

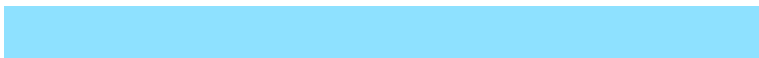
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1217, 69.6835, 33.8519



49.1982, 69.6835, 68.0042



63.4241, 69.6835, 143.2233



86.8035, 69.6835, 84.3275

Rectangle

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



69.1217, 69.6835, 33.8519



54.4756, 69.6835, 41.9762



63.4241, 69.6835, 143.2233



79.5688, 69.6835, 124.3691

Sweetspot

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



69.1234, 69.6868, 33.8533



85.6919, 89.6425, 80.0114



58.8605, 42.8502, 49.8873



18.0580, 18.8646, 16.2775



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.



69.1234, 69.6868, 33.8533



65.5026, 64.8569, 25.2106



76.7427, 92.1173, 37.7812



18.9537, 19.8756, 18.9817



28.1858, 24.3827, 3.2208



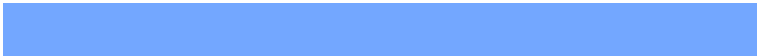
2.8495, 2.5843, 0.3486

Inverse Universe

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



45.2586, 46.0774, 101.1160



38.9954, 38.6639, 100.0153



40.0226, 32.0394, 98.6823



17.5626, 18.4969, 22.8945



11.7433, 8.3961, 50.4363



1.2444, 1.0194, 4.9445

Previews

White Background



This preview shows how the XYZ color 69.1217, 69.6835, 33.8519 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 69.1217, 69.6835, 33.8519 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 69.1217, 69.6835, 33.8519

Background



This preview shows how black text looks on a background with the XYZ color 69.1217, 69.6835, 33.8519.



This preview shows how white text looks on a background with the XYZ color 69.1217, 69.6835,

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

69.1217, 69.6835, 33.8519

Protanopia

64.8042, 70.0704, 35.3087

Deuteranopia

70.3724, 69.7875, 41.6596



Tritanopia

75.3573, 69.4555, 75.0801

Trichromacy



Original Color

69.1217, 69.6835, 33.8519

Protanomaly

66.3423, 69.7274, 34.7731

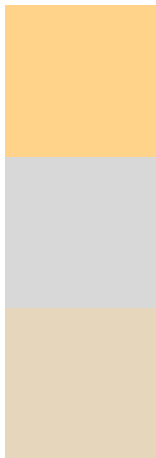
Deuteranomaly

69.7916, 69.5552, 38.6012

Tritanomaly

72.6299, 69.5165, 57.1670

Monochromacy



Original Color

69.1217, 69.6835, 33.8519

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.7568, 68.5470, 57.3421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1217, 69.6835, 33.8519 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(255, 211, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 138)  
}
```

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(255, 211, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 138) }
```

Border

The CSS property to change the border of an element to XYZ 69.1217, 69.6835, 33.8519 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(255, 211, 138) }
```


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

```
.border{ border-color:rgb(255, 211, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1217, 69.6835, 33.8519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 138) }
```

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

```
.background{ background-color: rgb(255,  
211, 138) }
```

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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