

Converting Colors

XYZ(138.2034, 100.0000,
45.2646)

Have a look what the booklet for
XYZ(138.2034, 100.0000, 45.2646)
contains.

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Color

**XYZ(67.5514, 63.7306,
41.9986)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5A0
RGB	255, 197, 160
RGB Percent	100%, 77%, 63%
CMY	0.0000, 0.2274, 0.3725
CMYK	0.00, 0.23, 0.37, 0.00
HSL	23°, 100%, 81%
HSV	23°, 37%, 100%
XYZ	67.5514, 63.7306, 41.9986
YIQ	210.1240, 46.4450, 0.7890

Conversions

Conversions Part 2

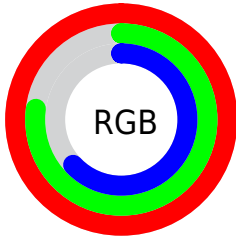
Format	Color
RYB	255, 221, 160
Decimal	16762272
CIELab	83.83, 15.92, 26.53
CIElCh	84, 30.939, 59.022
Yxy	63.7306, 0.3898, 0.3678
Android (android.graphics.Color)	4294952352 (0xFFFFC5A0)
YUV	210.1240, -24.7111, 39.3563
Hunter-Lab	79.8314, 11.3373, 24.6901

Details

The XYZ color **67.5514, 63.7306, 41.9986** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.6176, 64.8339, 104.0851**, and the grayscale version is **61.4773, 64.6789, 70.4353**.

A 20% lighter version of the original color is **88.9476, 97.0499, 78.3344**, and **35.5552, 32.5979, 18.6054** is the 20% darker color. If you saturate the color by 10%, you get **62.1915, 56.2221, 30.3123**, and if you desaturate by 10%, it is **73.7371, 72.1582, 56.2187**.

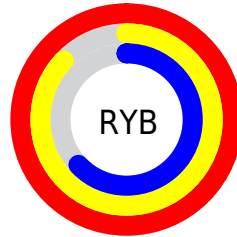
Distribution



Red (100%)

Green (77%)

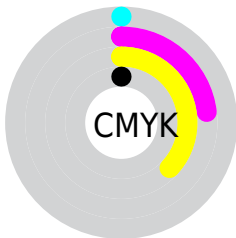
Blue (63%)



Red (100%)

Yellow (87%)

Blue (63%)

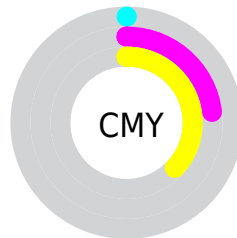


Cyan (0%)

Magenta (23%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5514, 63.7306, 41.9986 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 67.5514, 63.7306, 41.9986 by changing the saturation by 10% instead.


 67.5514, 63.7306,
41.9986

 67.5514, 63.7306,
41.9986


441.3066,
438.2161, 370.2766

 49.8052, 46.4325,
28.7746


 114.7556,
110.2229, 79.4676

 35.4758, 32.5873,
18.6663


 144.9443,
140.1858, 104.5497

 24.1979, 21.8104,
11.2550


180.0112,
175.1392, 134.4215

 15.6060, 13.7177,
6.1223

220.3218,
215.4674, 169.5017

 9.3348, 7.9246,
2.8496

266.2412,
261.5548, 210.2088

 5.0191, 4.0467,
1.0184

318.1349,

 2.2933, 1.6997,

313.7858, 256.9613

0.0000

376.3683,
372.5448, 310.1777

■ 0.7913, 0.4235,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5514, 63.7306,
41.9986

■ 67.5514, 63.7306,
41.9986

■ 62.1915, 56.2221,
30.3123

■ 73.7371, 72.1582,
56.2187

■ 57.6135, 49.5904,
21.0038

■ 80.7801, 81.5273,
73.1079

■ 53.7760, 43.8027,
13.9060

■ 88.7160, 91.8707,
92.7966

■ 50.6313, 38.8207,
8.8278

95.0500, 100.0000,
108.9000

■ 48.1249, 34.6017,
5.5449

■ 46.1890, 31.0967,
3.7689

■ 45.7332, 30.2465,
3.4277

Harmonies

Analogous

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



72.7332, 63.7306, 52.7741



67.5514, 63.7306, 41.9986



60.7973, 63.7306, 38.2978

Triad

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



67.5514, 63.7306, 41.9986



48.4262, 63.7306, 68.7551



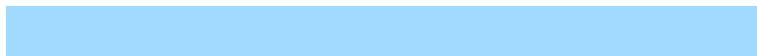
67.1369, 63.7306, 107.5274

Complementary

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



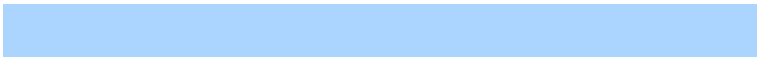
67.5514, 63.7306, 41.9986



57.6176, 64.8339, 104.0851

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.



60.3513, 63.7306, 113.9356



67.5514, 63.7306, 41.9986



49.8516, 63.7306, 89.1761

Square

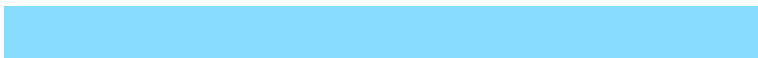
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5514, 63.7306, 41.9986



50.0477, 63.7306, 51.8579



54.0945, 63.7306, 106.6745



72.4816, 63.7306, 90.4899

Rectangle

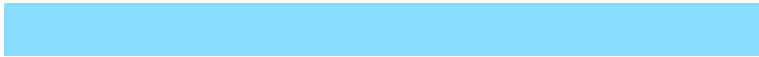
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5514, 63.7306, 41.9986



56.4142, 63.7306, 39.6855



54.0945, 63.7306, 106.6745



64.9334, 63.7306, 111.1226

Sweetspot

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



67.5530, 63.7336, 41.9999



85.6368, 87.8804, 85.0859



66.5425, 51.4948, 73.1633



18.0980, 18.5082, 17.6359



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.



67.5530, 63.7336, 41.9999



63.3304, 57.8374, 32.7336



79.9109, 88.4494, 46.1192



18.5896, 19.1474, 18.8604



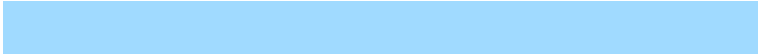
24.0310, 16.0732, 1.8359



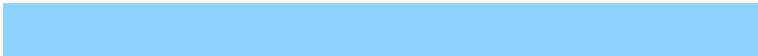
2.4422, 1.7698, 0.2129

Inverse Universe

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



57.6176, 64.8339, 104.0851



52.0284, 59.0592, 103.2651



47.1265, 43.8516, 100.5880



17.9261, 19.2237, 23.0157



15.7639, 16.4374, 51.7765



1.6411, 1.8129, 5.0767

Previews

White Background



This preview shows how the XYZ color 67.5514, 63.7306, 41.9986 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 67.5514, 63.7306, 41.9986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

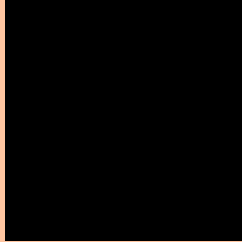
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5514, 63.7306, 41.9986

Background



This preview shows how black text looks on a background with the XYZ color 67.5514, 63.7306, 41.9986.



This preview shows how white text looks on a background with the XYZ color 67.5514, 63.7306,

41.9986.

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

67.5514, 63.7306, 41.9986

Protanopia

60.0234, 64.0055, 44.7880

Deuteranopia

65.1507, 63.8693, 41.6951



Tritanopia

71.4505, 63.8562, 66.9521

Trichromacy



Original Color

67.5514, 63.7306, 41.9986

Protanomaly

62.7031, 63.9692, 43.6928

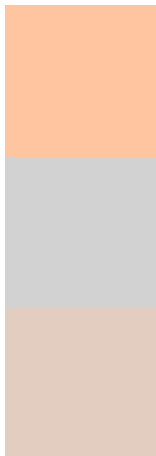
Deuteranomaly

65.9792, 63.9515, 41.6673

Tritanomaly

69.7171, 63.5177, 56.7298

Monochromacy



Original Color

67.5514, 63.7306, 41.9986

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.7098, 63.6372, 58.8472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5514, 63.7306, 41.9986 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, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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(255, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 160) }
```

Border

The CSS property to change the border of an element to XYZ 67.5514, 63.7306, 41.9986 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, 197, 160) }
```


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

```
.border{ border-color:rgb(255, 197, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5514, 63.7306, 41.9986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 160) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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