

Converting Colors

XYZ(67.2912, 64.8974, 36.7106)

Have a look what the booklet for
XYZ(67.2912, 64.8974, 36.7106)
contains.

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Color

**XYZ(67.1607, 64.6751,
36.5476)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC893 |
| RGB | 255, 200, 147 |
| RGB Percent | 100%, 78%, 58% |
| CMY | 0.0000, 0.2157, 0.4235 |
| CMYK | 0.00, 0.22, 0.42, 0.00 |
| HSL | 29°, 100%, 79% |
| HSV | 29°, 42%, 100% |
| XYZ | 67.1607, 64.6751, 36.5476 |
| YIQ | 210.4030, 49.7930, -4.8230 |

Conversions

Conversions Part 2

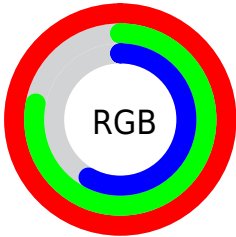
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 251, 147 |
| Decimal | 16763027 |
| CIE Lab | 84.32, 12.95, 33.96 |
| CIE LCh | 84, 36.349, 69.133 |
| Yxy | 64.6751, 0.3989, 0.3841 |
| Android (android.graphics.Color) | 4294953107 (0xFFFFC893) |
| YUV | 210.4030, -31.2577, 39.1116 |
| Hunter-Lab | 80.4208, 8.3317, 29.3500 |

Details

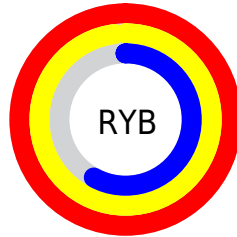
The XYZ color **67.1607, 64.6751, 36.5476** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.2024, 55.6620, 102.6527**, and the grayscale version is **61.7010, 64.9143, 70.6917**.

A 20% lighter version of the original color is **87.5426, 96.9970, 69.3667**, and **35.1552, 33.1381, 15.6097** is the 20% darker color. If you saturate the color by 10%, you get **62.4969, 58.2027, 26.1913**, and if you desaturate by 10%, it is **72.5267, 71.8420, 49.3273**.

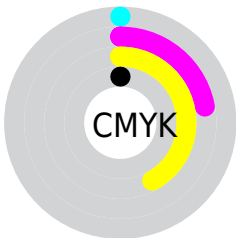
Distribution



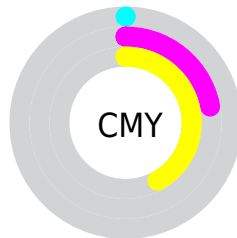
- Red (100%)
- Green (78%)
- Blue (58%)



- Red (100%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (42%)
- Black (0%)




- Cyan (0%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1607, 64.6751, 36.5476 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 67.1607, 64.6751, 36.5476 by changing the saturation by 10% instead.


 67.1607, 64.6751,
36.5476

 67.1607, 64.6751,
36.5476


439.9401,
441.6235, 346.4572

 49.4864, 47.1977,
24.5644


 114.1992,
111.5826, 71.0550

 35.2216, 33.1920,
15.5367


 144.2941,
141.7815, 94.4162

 24.0009, 22.2735,
9.0462

179.2599,
176.9897, 122.4072

 15.4591, 14.0580,
4.6741

219.4620,
217.5915, 155.4465

 9.2306, 8.1610,
2.0020

265.2657,
263.9714, 193.9526

 4.9502, 4.1982,
0.5565

317.0363,

 2.2525, 1.7850,

316.5138, 238.3440

0.0000

375.1394,
375.6030, 289.0394

0.7702, 0.4778,
0.0000

0.0000, 0.0000,
0.0000

67.1607, 64.6751,
36.5476

67.1607, 64.6751,
36.5476

62.4969, 58.2027,
26.1913

72.5267, 71.8420,
49.3273

58.4945, 52.3909,
18.0963

78.6230, 79.7170,
64.6703

55.1153, 47.2165,
12.0866

85.4820, 88.3249,
82.7104

52.3141, 42.6504,
7.9579

93.1324, 97.6863,
103.5708

■ 50.0373, 38.6597, 95.0499, 100.0000,
5.4636 108.9000

■ 48.5928, 35.9657,
4.3810

Harmonies

Analogous

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



74.2979, 64.6751, 45.9517



67.1607, 64.6751, 36.5476



59.0437, 64.6751, 35.0514

Triad

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



67.1607, 64.6751, 36.5476



47.4009, 64.6751, 77.7052



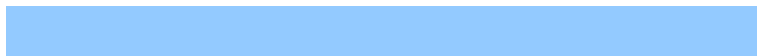
71.7841, 64.6751, 110.7781

Complementary

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



67.1607, 64.6751, 36.5476



51.2024, 55.6620, 102.6527

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.



63.9654, 64.6751, 123.9801



67.1607, 64.6751, 36.5476



50.2138, 64.6751, 102.3219

Square

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



67.1607, 64.6751, 36.5476



48.0940, 64.6751, 55.7600



56.1135, 64.6751, 120.5864



77.1251, 64.6751, 87.4481

Rectangle

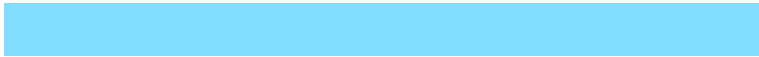
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1607, 64.6751, 36.5476



54.2291, 64.6751, 38.3223



56.1135, 64.6751, 120.5864



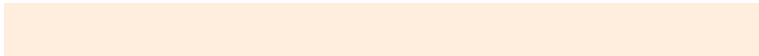
69.3321, 64.6751, 116.7563

Sweetspot

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



67.1623, 64.6782, 36.5489



85.0141, 87.7447, 81.4576



62.4297, 46.4303, 62.0471



17.8605, 18.3629, 16.5406



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.



67.1623, 64.6782, 36.5489



63.0883, 59.0390, 27.4558



81.6949, 93.7434, 41.3931



18.7455, 19.4592, 18.9123



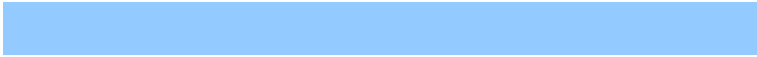
25.5394, 19.0901, 2.3387



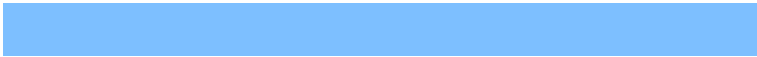
2.5957, 2.0767, 0.2640

Inverse Universe

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



51.2024, 55.6620, 102.6527



45.1686, 48.9130, 101.6683



40.7991, 34.8555, 99.1850



17.7677, 18.9070, 22.9629



13.7420, 12.3935, 51.1025



1.4474, 1.4254, 5.0121

Previews

White Background



This preview shows how the XYZ color 67.1607, 64.6751, 36.5476 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 67.1607, 64.6751, 36.5476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

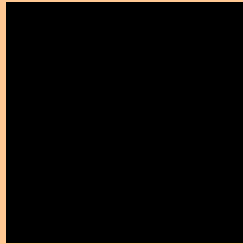
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1607, 64.6751, 36.5476

Background



This preview shows how black text looks on a background with the XYZ color 67.1607, 64.6751, 36.5476.



This preview shows how white text looks on a background with the XYZ color 67.1607, 64.6751,

36.5476.

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

67.1607, 64.6751, 36.5476

Protanopia

60.3111, 64.6584, 38.5798

Deuteranopia

66.1707, 64.8569, 36.6348



Tritanopia

72.0176, 64.7952, 67.7425

Trichromacy



Original Color

67.1607, 64.6751, 36.5476

Protanomaly

62.5014, 64.3491, 37.9806

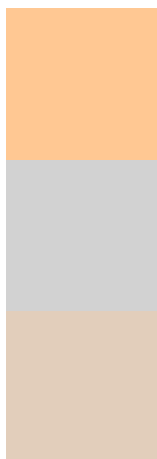
Deuteranomaly

66.2980, 64.5753, 36.5738

Tritanomaly

69.9632, 64.6953, 54.6989

Monochromacy



Original Color

67.1607, 64.6751, 36.5476

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.4050, 63.8992, 56.0584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1607, 64.6751, 36.5476 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, 200, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 147)  
}
```

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, 200, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 147) }
```

Border

The CSS property to change the border of an element to XYZ 67.1607, 64.6751, 36.5476 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, 200, 147) }
```


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

```
.border{ border-color:rgb(255, 200, 147) }
```

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

Here you see how a box with a 4 pixel rgb(255, 200, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1607, 64.6751, 36.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 147) }
```

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

```
.background{ background-color: rgb(255,  
200, 147) }
```

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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