

Converting Colors

XYZ(84.7068, 73.1350, 37.7706)

Have a look what the booklet for
XYZ(84.7068, 73.1350, 37.7706)
contains.

XYZ(66.7794, 63.7863, 36.8093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.7794, 63.7863,
36.8093)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC694
RGB	255, 198, 148
RGB Percent	100%, 78%, 58%
CMY	0.0000, 0.2235, 0.4196
CMYK	0.00, 0.22, 0.42, 0.00
HSL	28°, 100%, 79%
HSV	28°, 42%, 100%
XYZ	66.7794, 63.7863, 36.8093
YIQ	209.3430, 50.0220, -3.4660

Conversions

Conversions Part 2

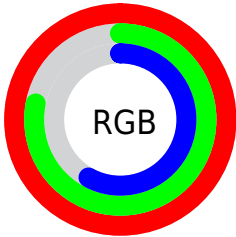
Format	Color
R _Y B	255, 242, 148
Decimal	16762516
CIE Lab	83.85, 14.09, 32.84
CIE LCh	84, 35.734, 66.773
Yxy	63.7863, 0.3990, 0.3811
Android (android.graphics.Color)	4294952596 (0xFFFFC694)
YUV	209.3430, -30.2421, 40.0412
Hunter-Lab	79.8663, 9.4849, 28.5805

Details

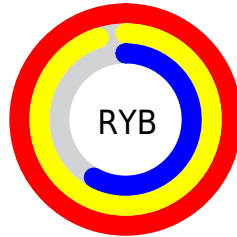
The XYZ color **66.7794, 63.7863, 36.8093** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.0932, 57.1764, 102.8982**, and the grayscale version is **60.9983, 64.1749, 69.8865**.

A 20% lighter version of the original color is **87.6607, 97.0443, 69.9883**, and **34.8959, 32.5453, 15.7519** is the 20% darker color. If you saturate the color by 10%, you get **62.0127, 57.1349, 26.3355**, and if you desaturate by 10%, it is **72.2724, 71.1785, 49.7199**.

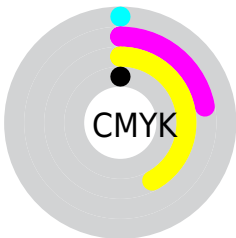
Distribution



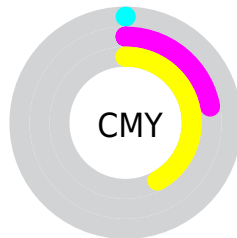
- Red (100%)
- Green (78%)
- Blue (58%)



- Red (100%)
- Yellow (95%)
- 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 66.7794, 63.7863, 36.8093 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 66.7794, 63.7863, 36.8093 by changing the saturation by 10% instead.


 66.7794, 63.7863,
36.8093

 66.7794, 63.7863,
36.8093


438.6040,
438.4175, 347.6280

 49.1754, 46.4776,
24.7652


 113.6558,
110.3031, 71.4624

 34.9738, 32.6229,
15.6848


 143.6589,
140.2800, 94.9086

 23.8091, 21.8377,
9.1495


178.5258,
175.2485, 122.9925

 15.3160, 13.7377,
4.7407

218.6218,
215.5929, 156.1328

 9.1292, 7.9385,
2.0399

264.3122,
261.6976, 194.7480

 4.8834, 4.0556,
0.5796

315.9625,

 2.2130, 1.7047,

313.9470, 239.2565

0.0000

373.9380,
372.7255, 290.0770

0.7496, 0.4267,
0.0000

0.0000, 0.0000,
0.0000

66.7794, 63.7863,
36.8093

66.7794, 63.7863,
36.8093

62.0127, 57.1349,
26.3355

72.2724, 71.1785,
49.7199

57.9306, 51.1889,
18.1369

78.5207, 79.3271,
65.2071

54.4942, 45.9228,
12.0379

85.5575, 88.2586,
83.4046

51.6573, 41.3056,
7.8351

93.4121, 97.9953,
104.4356

■ 49.3657, 37.3023, 95.0500, 100.0000,
5.2837 108.9000

■ 47.8573, 34.4947,
4.1358

Harmonies

Analogous

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



73.5449, 63.7863, 46.6468



66.7794, 63.7863, 36.8093



58.8635, 63.7863, 34.7509

Triad

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



66.7794, 63.7863, 36.8093



46.8342, 63.7863, 74.6784



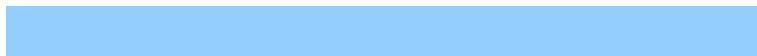
70.1235, 63.7863, 110.1722

Complementary

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



66.7794, 63.7863, 36.8093



52.0932, 57.1764, 102.8982

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.



62.4253, 63.7863, 121.8567



66.7794, 63.7863, 36.8093



49.3178, 63.7863, 98.6917

Square

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



66.7794, 63.7863, 36.8093



47.7822, 63.7863, 53.7549



54.8645, 63.7863, 117.2558



75.5891, 63.7863, 87.9422

Rectangle

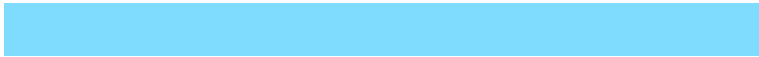
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.7794, 63.7863, 36.8093



54.0761, 63.7863, 37.5548



54.8645, 63.7863, 117.2558



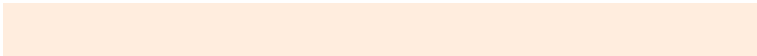
67.6866, 63.7863, 115.6598

Sweetspot

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



66.7810, 63.7893, 36.8106



84.7881, 87.2927, 81.3822



62.8577, 46.8514, 63.5306



17.8049, 18.2516, 16.5220



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.



66.7810, 63.7893, 36.8106



62.8921, 58.3826, 28.2041



81.2181, 92.6635, 41.6229



18.7092, 19.3866, 18.9002



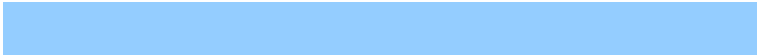
25.1528, 18.3169, 2.2098



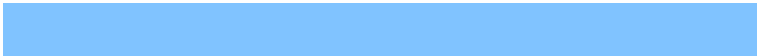
2.5572, 1.9997, 0.2512

Inverse Universe

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



52.0932, 57.1764, 102.8982



46.4850, 50.9864, 101.9991



41.4214, 35.8327, 99.3409



17.8042, 18.9800, 22.9751



14.1702, 13.2500, 51.2452



1.4891, 1.5089, 5.0260

Previews

White Background



This preview shows how the XYZ color 66.7794, 63.7863, 36.8093 looks on a white background.

Color Contrast Check

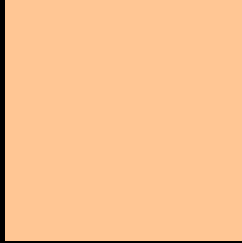
Large Text (above 18pt) WCAG AA × Fail

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 66.7794, 63.7863, 36.8093 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 66.7794, 63.7863, 36.8093

Background



This preview shows how black text looks on a background with the XYZ color 66.7794, 63.7863, 36.8093.



This preview shows how white text looks on a background with the XYZ color 66.7794, 63.7863,

36.8093.

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

66.7794, 63.7863, 36.8093

Protanopia

59.6016, 63.9084, 39.3312

Deuteranopia

65.0665, 63.5864, 36.8610



Tritanopia

71.4505, 63.8562, 66.9521

Trichromacy



Original Color

66.7794, 63.7863, 36.8093

Protanomaly

62.0093, 63.7299, 38.3110

Deuteranomaly

65.5524, 63.4942, 36.8176

Tritanomaly

69.5121, 63.7930, 54.5485

Monochromacy



Original Color

66.7794, 63.7863, 36.8093

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.1650, 63.4193, 55.9784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7794, 63.7863, 36.8093 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, 198, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 148)  
}
```

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, 198, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 148) }
```

Border

The CSS property to change the border of an element to XYZ 66.7794, 63.7863, 36.8093 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, 198, 148) }
```


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

```
.border{ border-color:rgb(255, 198, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7794, 63.7863, 36.8093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 148) }
```

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

```
.background{ background-color: rgb(255,  
198, 148) }
```

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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