

Converting Colors

XYZ(107.1199, 84.0559,
39.1186)

Have a look what the booklet for
XYZ(107.1199, 84.0559, 39.1186)
contains.

XYZ(66.4047, 62.9098, 37.0767)	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(66.4047, 62.9098,
37.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC495
RGB	255, 196, 149
RGB Percent	100%, 77%, 58%
CMY	0.0000, 0.2313, 0.4157
CMYK	0.00, 0.23, 0.42, 0.00
HSL	27°, 100%, 79%
HSV	27°, 42%, 100%
XYZ	66.4047, 62.9098, 37.0767
YIQ	208.2830, 50.2510, -2.1090

Conversions

Conversions Part 2

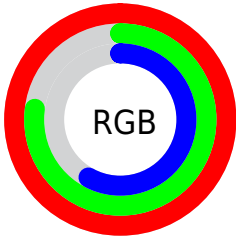
Format	Color
R _Y B	255, 233, 149
Decimal	16762005
CIE Lab	83.39, 15.24, 31.71
CIE LCh	83, 35.181, 64.329
Yxy	62.9098, 0.3991, 0.3781
Android (android.graphics.Color)	4294952085 (0xFFFFC495)
YUV	208.2830, -29.2265, 40.9708
Hunter-Lab	79.3157, 10.6413, 27.8054

Details

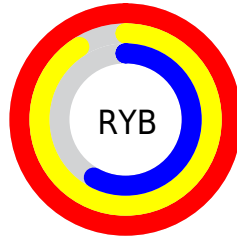
The XYZ color **66.4047, 62.9098, 37.0767** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.9993, 58.7189, 103.1480**, and the grayscale version is **60.3002, 63.4405, 69.0867**.

A 20% lighter version of the original color is **87.1448, 95.8224, 70.4025**, and **34.6426, 31.9636, 15.8990** is the 20% darker color. If you saturate the color by 10%, you get **61.5366, 56.0827, 26.4858**, and if you desaturate by 10%, it is **72.0246, 70.5269, 50.1183**.

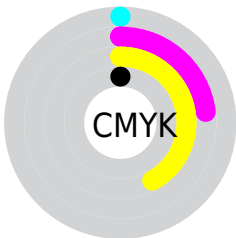
Distribution



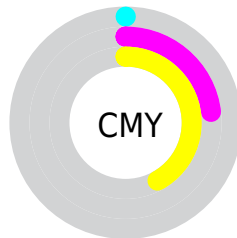
- Red (100%)
- Green (77%)
- Blue (58%)



- Red (100%)
- Yellow (91%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4047, 62.9098, 37.0767 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 66.4047, 62.9098, 37.0767 by changing the saturation by 10% instead.


 66.4047, 62.9098,
37.0767

 66.4047, 62.9098,
37.0767


437.2887,
435.2421, 348.8212

 48.8699, 45.7682,
24.9706


 113.1215,
109.0394, 71.8784

 34.7304, 32.0630,
15.8364


 143.0342,
138.7962, 95.4111

 23.6208, 21.4096,
9.2553


177.8037,
173.5268, 123.5897

 15.1758, 13.4237,
4.8090

217.7951,
213.6158, 156.8329

 9.0300, 7.7210,
2.0789

263.3740,
259.4474, 195.5590

 4.8180, 3.9169,
0.6031

314.9057,

 2.1745, 1.6272,

311.4060, 240.1868

0.0000

372.7555,
369.8761, 291.1346

0.7293, 0.3758,
0.0000

0.0000, 0.0000,
0.0000

66.4047, 62.9098,
37.0767

66.4047, 62.9098,
37.0767

61.5366, 56.0827,
26.4858

72.0246, 70.5269,
50.1183

57.3777, 50.0080,
18.1841

78.4262, 78.9517,
65.7504

53.8879, 44.6581,
11.9968

85.6435, 88.2125,
84.1064

51.0202, 39.9997,
7.7212

93.7069, 98.3334,
105.3096

■ 48.7195, 35.9950, 95.0499, 99.9999,
5.1141 108.9000

■ 47.1539, 33.0880,
3.9013

Harmonies

Analogous

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



72.8019, 62.9098, 47.3550



66.4047, 62.9098, 37.0767



58.6887, 62.9098, 34.4555

Triad

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



66.4047, 62.9098, 37.0767



46.2754, 62.9098, 71.7324



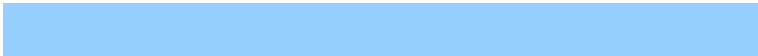
68.4917, 62.9098, 109.5762

Complementary

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



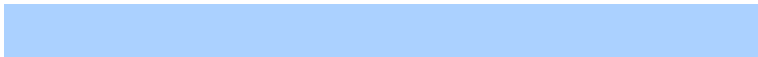
66.4047, 62.9098, 37.0767



52.9993, 58.7189, 103.1480

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.



60.9128, 62.9098, 119.7633



66.4047, 62.9098, 37.0767



48.4357, 62.9098, 95.1501

Square

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



66.4047, 62.9098, 37.0767



47.4758, 62.9098, 51.8001



53.6370, 62.9098, 113.9903



74.0772, 62.9098, 88.4466

Rectangle

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



66.4047, 62.9098, 37.0767



53.9282, 62.9098, 36.8002



53.6370, 62.9098, 113.9903



66.0702, 62.9098, 114.5773

Sweetspot

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



66.4063, 62.9128, 37.0780



85.3146, 87.7949, 83.2553



63.5046, 47.3622, 66.1600



18.0499, 18.5235, 17.2762



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.



66.4063, 62.9128, 37.0780



62.2522, 57.1030, 27.9909



80.2117, 90.5236, 41.6798



18.6724, 19.3129, 18.8880



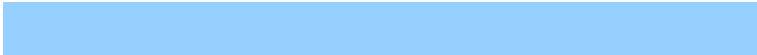
24.7824, 17.5759, 2.0863



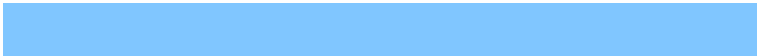
2.5198, 1.9250, 0.2388

Inverse Universe

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



52.9993, 58.7189, 103.1480



47.1764, 52.3693, 102.2296



42.3447, 37.4096, 99.5964



17.8415, 19.0546, 22.9875



14.6310, 14.1716, 51.3988



1.5336, 1.5978, 5.0409

Previews

White Background



This preview shows how the XYZ color 66.4047, 62.9098, 37.0767 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 66.4047, 62.9098, 37.0767 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 66.4047, 62.9098, 37.0767

Background



This preview shows how black text looks on a background with the XYZ color 66.4047, 62.9098, 37.0767.



This preview shows how white text looks on a background with the XYZ color 66.4047, 62.9098,

37.0767.

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

66.4047, 62.9098, 37.0767

Protanopia

58.8200, 63.1328, 39.6576

Deuteranopia

64.1265, 62.7591, 36.7509



Tritanopia

70.7699, 62.8812, 65.5341

Trichromacy



Original Color

66.4047, 62.9098, 37.0767

Protanomaly

61.5213, 63.1149, 38.6456

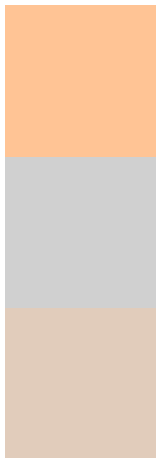
Deuteranomaly

64.9637, 62.8503, 36.7243

Tritanomaly

68.9617, 62.8606, 53.8460

Monochromacy



Original Color

66.4047, 62.9098, 37.0767

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.6138, 62.7811, 55.8843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4047, 62.9098, 37.0767 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, 196, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 149)  
}
```

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, 196, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 149) }
```

Border

The CSS property to change the border of an element to XYZ 66.4047, 62.9098, 37.0767 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, 196, 149) }
```


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

```
.border{ border-color:rgb(255, 196, 149) }
```

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

Here you see how a box with a 4 pixel rgb(255, 196, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4047, 62.9098, 37.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 149) }
```

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

```
.background{ background-color: rgb(255,  
196, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor