

Converting Colors

YUV(166.4750, -47.0692,
70.6204)

Have a look what the booklet for
YUV(166.4750, -47.0692, 70.6204)
contains.

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Color

**YUV(166.4750, -47.0692,
70.6204)**

Conversions

Conversions Part 1

Format	Color
Hex	F79047
RGB	247, 144, 71
RGB Percent	97%, 56%, 28%
CMY	0.0314, 0.4353, 0.7216
CMYK	0.00, 0.42, 0.71, 0.03
HSL	25°, 92%, 62%
HSV	25°, 71%, 97%
XYZ	49.4684, 40.1756, 11.1086
YIQ	166.4750, 84.8210, -0.8670

Conversions

Conversions Part 2

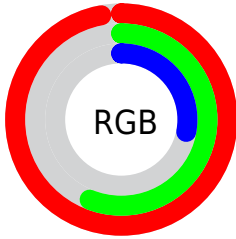
Format	Color
R_{YB}	247, 196, 71
Decimal	16224327
CIE Lab	69.59, 33.25, 54.12
CIE LCh	70, 63.520, 58.436
Yxy	40.1756, 0.4910, 0.3988
Android (android.graphics.Color)	4294414407 (0xFFFF79047)
YUV	166.4750, -47.0692, 70.6204
Hunter-Lab	63.3842, 28.3883, 33.9779

Details

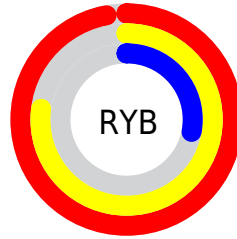
The YUV color **166.4750, -47.0692, 70.6204** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **151.5250, 47.0692, -70.6204**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0800, -41.4514, 42.0258**, and **111.3710, -46.0319, 64.5726** is the 20% darker color. If you saturate the color by 10%, you get **155.4070, -53.9377, 80.3271**, and if you desaturate by 10%, it is **177.5430, -40.2007, 60.9138**.

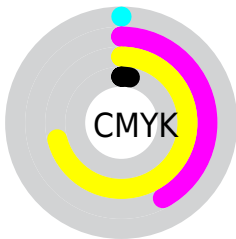
Distribution



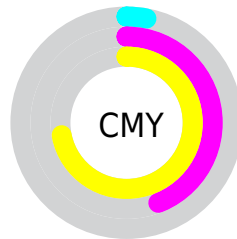
- Red (97%)
- Green (56%)
- Blue (28%)



- Red (97%)
- Yellow (77%)
- Blue (28%)



- Cyan (0%)
- Magenta (42%)
- Yellow (71%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4750, -47.0692, 70.6204 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 YUV color 166.4750, -47.0692, 70.6204 by changing the saturation by 10% instead.

166.4750,
-47.0692, 70.6204

166.4750,
-47.0692, 70.6204

255.0000, 0.0000,
0.0000

139.0940,
-45.8953, 67.4466

207.0800,
-41.4514, 42.0258

111.3710,
-46.0319, 64.5726

226.4800,
-38.1976, 25.0120

86.2610, -42.5267,
60.2841

246.1080,
-34.0702, 7.7983

62.6160, -30.8697,
54.7108

249.3000,
-21.8399, 4.9989

39.2700, -19.3601,
49.7522

252.4920, -9.6096,
2.1995

20.0330, -9.8763,
41.1901

13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 166.4750,
-47.0692, 70.6204

■ 166.4750,
-47.0692, 70.6204

■ 155.4070,
-53.9377, 80.3271

■ 177.5430,
-40.2007, 60.9138

■ 143.8660,
-60.0799, 90.4485

■ 189.0840,
-34.0584, 50.7923

■ 133.7270,
-65.9274, 99.3404

■ 200.1520,
-27.1899, 41.0857

■ 211.8070,
-20.6109, 30.8643

■ 222.8750,
-13.7424, 21.1576

234.4160, -7.6001,
11.0362

245.4840, -0.7316,
1.3295

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



162.0120, -21.2049, 81.5505



166.4750, -47.0692, 70.6204



163.1550, -58.7434, 34.9441

Triad

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



166.4750, -47.0692, 70.6204



134.4490, 15.0616, -117.9118



169.9770, 41.9163, -4.3648

Complementary

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



166.4750, -47.0692, 70.6204



151.5250, 47.0692, -70.6204

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.



132.9690, 60.1613, -116.6138



166.4750, -47.0692, 70.6204



141.0610, 40.3959, -123.7105

Square

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



166.4750, -47.0692, 70.6204



144.3260, -18.4017, -71.3229



141.1870, 56.1098, -123.8210



174.6810, 27.7653, 54.6538

Rectangle

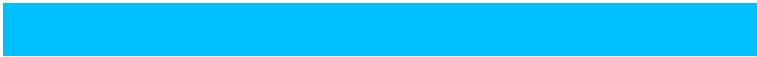
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.4750, -47.0692, 70.6204



159.8200, -54.1413, 5.4199



141.1870, 56.1098, -123.8210



164.2080, 44.7605, -30.0004

Sweetspot

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



166.4750, -47.0692, 70.6204



230.6470, -14.6160, 21.3576



135.7080, 20.3570, 97.6031



113.1990, -8.4791, 12.9805



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.4750, -47.0692, 70.6204



154.8980, -58.6167, 87.7895



216.3700, -71.6674, 26.8625



116.5230, -3.2158, 4.8033



100.8130, -49.7008, 74.7090



31.7290, -15.6424, 23.9167

Inverse Universe

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



151.5250, 47.0692, -70.6204



136.1020, 58.6167, -87.7895



101.6300, 71.6674, -26.8625



115.4770, 3.2158, -4.8033



85.1870, 49.7008, -74.7090



26.6840, 15.9318, -23.4019

Previews

White Background



This preview shows how the YUV color 166.4750, -47.0692, 70.6204 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 YUV color 166.4750, -47.0692, 70.6204 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](#).

YUV 166.4750, -47.0692, 70.6204

Background



This preview shows how black text looks on a background with the YUV color 166.4750, -47.0692, 70.6204.



This preview shows how white text looks on a background with the YUV color 166.4750, -47.0692, 70.6204.

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

166.4750, -47.0692, 70.6204

Protanopia

165.8940, -42.8387, 20.2640

Deuteranopia

166.0060, -49.3030, 40.3367



Tritanopia

171.5250, -12.5838, 69.6996

Trichromacy



Original Color

166.4750, -47.0692, 70.6204

Protanomaly

165.9610, -44.3508, 38.6222

Deuteranomaly

166.0120, -48.3199, 51.7325

Tritanomaly

169.9090, -25.0981, 70.2398

Monochromacy



Original Color

166.4750, -47.0692, 70.6204

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9850, -17.2476, 25.4462

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4750, -47.0692, 70.6204 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(247, 144, 71)` looks like.

```
.text, #text, p{  
    color:rgb(247, 144, 71)  
}
```

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(247, 144, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 144, 71) }
```

Border

The CSS property to change the border of an element to YUV 166.4750, -47.0692, 70.6204 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(247, 144, 71) }
```


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

```
.border{ border-color:rgb(247, 144, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 144, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 144, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 144, 71);  
box-shadow:4px 4px 4px 4px rgb(247, 144,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 166.4750, -47.0692, 70.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 144, 71) }
```

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

```
.background{ background-color: rgb(247,  
144, 71) }
```

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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