

Converting Colors

YUV(166.8560, -31.4810,
64.1473)

Have a look what the booklet for
YUV(166.8560, -31.4810, 64.1473)
contains.

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Color

**YUV(166.8560, -31.4810,
64.1473)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F08E67 |
| RGB | 240, 142, 103 |
| RGB Percent | 94%, 56%, 40% |
| CMY | 0.0588, 0.4431, 0.5961 |
| CMYK | 0.00, 0.41, 0.57, 0.06 |
| HSL | 17°, 82%, 67% |
| HSV | 17°, 57%, 94% |
| XYZ | 48.0564, 38.8505, 17.7980 |
| YIQ | 166.8560, 70.9270, 8.6470 |

Conversions

Conversions Part 2

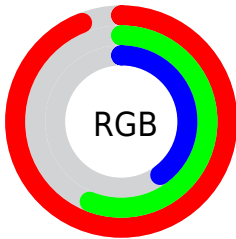
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 240, 158, 103 |
| Decimal | 15765095 |
| CIE Lab | 68.64, 33.49, 36.58 |
| CIE LCh | 69, 49.595, 47.528 |
| Yxy | 38.8505, 0.4590, 0.3710 |
| Android (android.graphics.Color) | 4293955175 (0xFFFF08E67) |
| YUV | 166.8560, -31.4810, 64.1473 |
| Hunter-Lab | 62.3302, 28.5450, 26.7012 |

Details

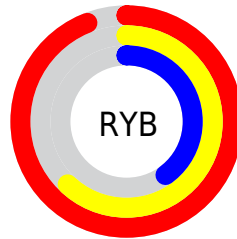
The YUV color **166.8560, -31.4810, 64.1473** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **176.1440, 31.4810, -64.1473**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5540, -26.8951, 39.8561**, and **112.9200, -28.5546, 58.8292** is the 20% darker color. If you saturate the color by 10%, you get **154.1410, -37.0445, 75.2983**, and if you desaturate by 10%, it is **179.5710, -25.9175, 52.9962**.

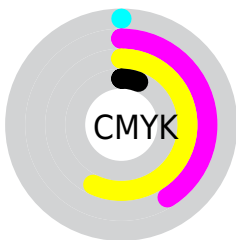
Distribution



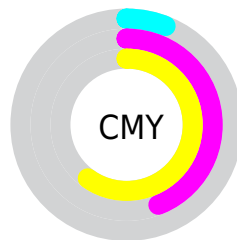
- Red (94%)
- Green (56%)
- Blue (40%)



- Red (94%)
- Yellow (62%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (57%)
- Black (6%)



- Cyan (6%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8560, -31.4810, 64.1473 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 166.8560, -31.4810, 64.1473 by changing the saturation by 10% instead.

166.8560,
-31.4810, 64.1473

166.8560,
-31.4810, 64.1473

255.0000, 0.0000,
0.0000

139.7740,
-30.4546, 61.5882

209.5540,
-26.8951, 39.8561

112.9200,
-28.5546, 58.8292

229.0680,
-23.2045, 22.7424

87.2400, -27.2333,
55.0405

249.2830,
-19.3665, 5.0138

61.2720, -25.7701,
52.3815

253.0620, -7.4256,
1.6996

36.6120, -18.0497,
49.4523

19.4350, -9.5815,
39.9605

12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 166.8560,
-31.4810, 64.1473

■ 166.8560,
-31.4810, 64.1473

■ 154.1410,
-37.0445, 75.2983

■ 179.5710,
-25.9175, 52.9962

■ 141.4260,
-42.6080, 86.4494

■ 192.2860,
-20.3540, 41.8452

■ 128.1240,
-47.8821, 98.1153

■ 205.5880,
-15.0799, 30.1793

■ 115.4090,
-53.4456, 109.2663

■ 218.3030, -9.5164,
19.0283

■ 111.6760,
-55.0563, 112.5401

■ 231.0180, -3.9529,
7.8772

■ 243.7330, 1.6106,
-3.2738

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



168.5470, -12.5947, 73.1883



166.8560, -31.4810, 64.1473



164.4280, -42.6090, 39.9666

Triad

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



166.8560, -31.4810, 64.1473



137.5680, 4.6500, -91.7061



166.3830, 42.7022, -23.1379

Complementary

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



166.8560, -31.4810, 64.1473



176.1440, 31.4810, -64.1473

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.



133.5560, 59.8719, -117.1286



166.8560, -31.4810, 64.1473



133.5320, 29.3177, -117.1076

Square

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



166.8560, -31.4810, 64.1473



154.3740, -24.3414, -32.7770



136.2170, 47.2210, -119.4623



172.1030, 27.5572, 27.9737

Rectangle

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



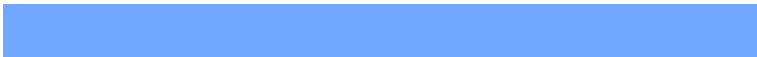
166.8560, -31.4810, 64.1473



162.4700, -43.1227, 18.0048



136.2170, 47.2210, -119.4623



161.1740, 46.2562, -43.1256

Sweetspot

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



166.8560, -31.4810, 64.1473



231.9010, -9.8112, 20.2578



155.1350, 22.6114, 74.4266



113.8830, -5.8583, 12.3806



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.



166.8560, -31.4810, 64.1473



160.9740, -40.4132, 82.4608



206.7720, -51.1596, 29.1410



113.3490, -2.6371, 5.8329



85.5400, -42.1712, 86.3494



26.1360, -12.8850, 26.1907

Inverse Universe

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



176.1440, 31.4810, -64.1473



173.0260, 40.4132, -82.4608



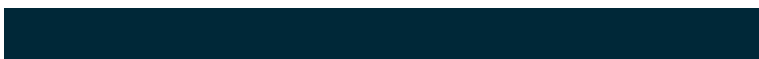
136.2280, 51.1596, -29.1410



114.0640, 2.9264, -5.3181



97.8730, 42.4606, -85.8346



29.8640, 12.8850, -26.1907

Previews

White Background



This preview shows how the YUV color 166.8560, -31.4810, 64.1473 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 166.8560, -31.4810, 64.1473 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 166.8560, -31.4810, 64.1473

Background



This preview shows how black text looks on a background with the YUV color 166.8560, -31.4810, 64.1473.



This preview shows how white text looks on a background with the YUV color 166.8560, -31.4810,

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

166.8560, -31.4810, 64.1473

Protanopia

165.9160, -26.0876, 14.1057

Deuteranopia

166.2020, -33.1306, 33.1488



Tritanopia

169.1330, -11.4046, 64.7814

Trichromacy



Original Color

166.8560, -31.4810, 64.1473

Protanomaly

166.4560, -28.3258, 32.0491

Deuteranomaly

166.0940, -32.5843, 44.6446

Tritanomaly

168.1840, -18.8247, 64.7366

Monochromacy



Original Color

166.8560, -31.4810, 64.1473

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1680, -11.4218, 23.5317

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8560, -31.4810, 64.1473 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(240, 142, 103)` looks like.

```
.text, #text, p{  
    color:rgb(240, 142, 103)  
}
```

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(240, 142, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 142, 103) }
```

Border

The CSS property to change the border of an element to YUV 166.8560, -31.4810, 64.1473 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(240, 142, 103) }
```


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

```
.border{ border-color:rgb(240, 142, 103) }
```

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

Here you see how a box with a 4 pixel rgb(240, 142, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 142, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 142, 103);  
box-shadow:4px 4px 4px 4px rgb(240, 142,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 166.8560, -31.4810, 64.1473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 142, 103) }
```

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

```
.background{ background-color: rgb(240,  
142, 103) }
```

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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