

Converting Colors

YUV(162.4470, -44.5904,
68.8910)

Have a look what the booklet for
YUV(162.4470, -44.5904, 68.8910)
contains.

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Color

**YUV(162.4470, -44.5904,
68.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	F18C48
RGB	241, 140, 72
RGB Percent	95%, 55%, 28%
CMY	0.0549, 0.4510, 0.7176
CMYK	0.00, 0.42, 0.70, 0.05
HSL	24°, 86%, 61%
HSV	24°, 70%, 95%
XYZ	46.8234, 37.9248, 10.9832
YIQ	162.4470, 82.0240, 0.2640

Conversions

Conversions Part 2

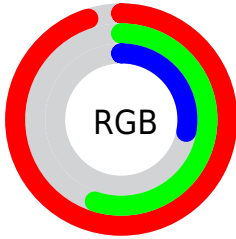
Format	Color
R _Y B	241, 186, 72
Decimal	15830088
CIE Lab	67.97, 32.97, 51.67
CIE LCh	68, 61.292, 57.454
Yxy	37.9248, 0.4891, 0.3962
Android (android.graphics.Color)	4294020168 (0xFFFF18C48)
YUV	162.4470, -44.5904, 68.8910
Hunter-Lab	61.5831, 27.9482, 32.5339

Details

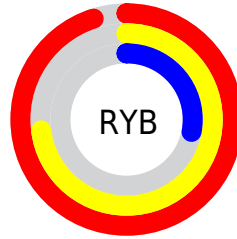
The YUV color **162.4470, -44.5904, 68.8910** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **150.5530, 44.5904, -68.8910**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.1450, -40.0045, 44.5998**, and **108.0440, -43.4057, 62.2284** is the 20% darker color. If you saturate the color by 10%, you get **151.4930, -51.0220, 78.4976**, and if you desaturate by 10%, it is **173.4010, -38.1587, 59.2843**.

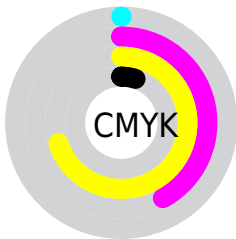
Distribution



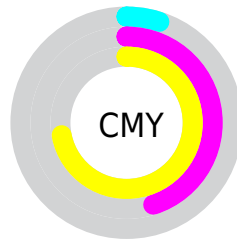
- Red (95%)
- Green (55%)
- Blue (28%)



- Red (95%)
- Yellow (73%)
- Blue (28%)



- Cyan (0%)
- Magenta (42%)
- Yellow (70%)
- Black (5%)



- Cyan (5%)
- Magenta (45%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.4470, -44.5904, 68.8910 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 162.4470, -44.5904, 68.8910 by changing the saturation by 10% instead.

162.4470,
-44.5904, 68.8910

162.4470,
-44.5904, 68.8910

255.0000, 0.0000,
0.0000

135.0660,
-43.4165, 65.7171

204.1450,
-40.0045, 44.5998

108.0440,
-43.4057, 62.2284

224.2460,
-36.6033, 26.9713

82.1190, -40.4847,
58.6546

243.7600,
-32.9127, 9.8575

59.3600, -29.2645,
53.1813

249.3000,
-21.8399, 4.9989

35.4270, -17.4655,
48.7375

252.6060, -9.1728,
2.0995

18.5380, -9.1392,
38.1162

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 162.4470,
-44.5904, 68.8910

■ 162.4470,
-44.5904, 68.8910

■ 151.4930,
-51.0220, 78.4976

■ 173.4010,
-38.1587, 59.2843

■ 139.9520,
-57.1643, 88.6191

■ 184.9420,
-32.0164, 49.1629


■ 128.9980,
-63.5960, 98.2258


■ 195.8960,
-25.5847, 39.5562

■ 207.4370,
-19.4424, 29.4348

■ 218.5050,
-12.5740, 19.7281

 229.4590, -6.1423,
10.1215

 241.0000, 0.0000,
0.0000

 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



160.1370, -20.7735, 83.1949



162.4470, -44.5904, 68.8910



159.2520, -55.8332, 34.8590

Triad

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



162.4470, -44.5904, 68.8910



130.8300, 13.8878, -114.7379



166.4220, 43.6690, -6.5091

Complementary

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



162.4470, -44.5904, 68.8910



150.5530, 44.5904, -68.8910

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.



130.6210, 61.3188, -114.5546



162.4470, -44.5904, 68.8910



137.2140, 38.3485, -120.3367

Square

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



162.4470, -44.5904, 68.8910



141.8430, -19.1496, -64.7603



138.2520, 57.5568, -121.2470



170.2460, 27.4867, 50.6503

Rectangle

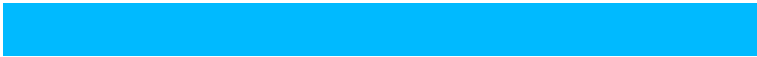
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162.4470, -44.5904, 68.8910



156.2870, -52.3995, 6.7643



138.2520, 57.5568, -121.2470



160.0660, 46.8025, -31.6299

Sweetspot

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



162.4470, -44.5904, 68.8910



230.0600, -14.3266, 21.8724



134.0450, 19.2048, 93.7995



112.6120, -8.1897, 13.4953



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.



162.4470, -44.5904, 68.8910



155.4680, -56.4327, 87.2896



211.7550, -68.8992, 25.6479



114.5230, -3.2158, 4.8033



98.4540, -48.5378, 75.0238



30.2450, -14.9108, 22.5871

Inverse Universe

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



150.5530, 44.5904, -68.8910



140.5320, 56.4327, -87.2896



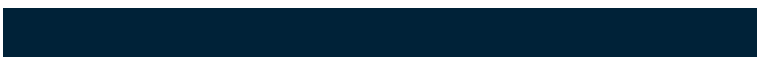
101.2450, 68.8992, -25.6479



113.4770, 3.2158, -4.8033



85.5460, 48.5378, -75.0238



26.3420, 14.6214, -23.1019

Previews

White Background



This preview shows how the YUV color 162.4470, -44.5904, 68.8910 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 162.4470, -44.5904, 68.8910 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 162.4470, -44.5904, 68.8910

Background



This preview shows how black text looks on a background with the YUV color 162.4470, -44.5904, 68.8910.



This preview shows how white text looks on a background with the YUV color 162.4470, -44.5904,

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

162.4470, -44.5904, 68.8910

Protanopia

161.5780, -40.2180, 19.6641

Deuteranopia

161.9780, -46.8242, 38.6073



Tritanopia

166.9270, -12.2890, 68.4700

Trichromacy



Original Color

162.4470, -44.5904, 68.8910

Protanomaly

162.2320, -42.0194, 37.5075

Deuteranomaly

161.9840, -45.8411, 50.0030

Tritanomaly

165.5390, -23.9297, 68.8103

Monochromacy



Original Color

162.4470, -44.5904, 68.8910

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.2130, -16.3740, 25.2462

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4470, -44.5904, 68.8910 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(241, 140, 72)` looks like.

```
.text, #text, p{  
    color:rgb(241, 140, 72)  
}
```

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(241, 140, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 140, 72) }
```

Border

The CSS property to change the border of an element to YUV 162.4470, -44.5904, 68.8910 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(241, 140, 72) }
```


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

```
.border{ border-color:rgb(241, 140, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 140, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 140, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 140, 72);  
box-shadow:4px 4px 4px 4px rgb(241, 140,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 162.4470, -44.5904, 68.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 140, 72) }
```

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

```
.background{ background-color: rgb(241,  
140, 72) }
```

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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