

Converting Colors

YUV(145.5990, -38.2563,
90.6827)

Have a look what the booklet for
YUV(145.5990, -38.2563, 90.6827)
contains.

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Color

**YUV(145.5990, -38.2563,
90.6827)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F96C44 |
| RGB | 249, 108, 68 |
| RGB Percent | 98%, 42%, 27% |
| CMY | 0.0235, 0.5765, 0.7333 |
| CMYK | 0.00, 0.57, 0.73, 0.02 |
| HSL | 13°, 94%, 62% |
| HSV | 13°, 73%, 98% |
| XYZ | 45.4729, 31.2822, 9.1102 |
| YIQ | 145.5990, 96.8760, 17.4520 |

Conversions

Conversions Part 2

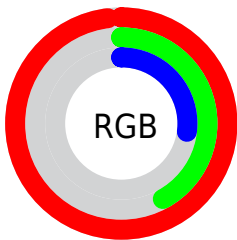
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 249, 119, 68 |
| Decimal | 16346180 |
| CIELab | 62.75, 51.64, 48.29 |
| CIElCh | 63, 70.702, 43.082 |
| Yxy | 31.2822, 0.5296, 0.3643 |
| Android (android.graphics.Color) | 4294536260 (0xFFFF96C44) |
| YUV | 145.5990, -38.2563, 90.6827 |
| Hunter-Lab | 55.9305, 47.2465, 29.4939 |

Details

The YUV color **145.5990, -38.2563, 90.6827** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **171.4010, 38.2563, -90.6827**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.3780, -33.2174, 61.0585**, and **89.0050, -34.0195, 85.0646** is the 20% darker color. If you saturate the color by 10%, you get **131.5960, -43.6778, 102.9633**, and if you desaturate by 10%, it is **159.6020, -32.8348, 78.4020**.

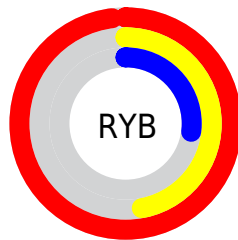
Distribution



Red (98%)

Green (42%)

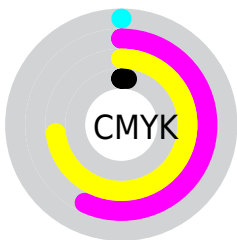
Blue (27%)



Red (98%)

Yellow (47%)

Blue (27%)

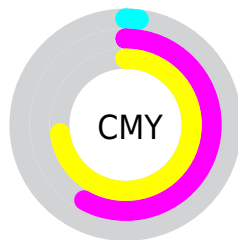


Cyan (0%)

Magenta (57%)

Yellow (73%)

Black (2%)



Cyan (2%)

Magenta (58%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.5990, -38.2563, 90.6827 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 145.5990, -38.2563, 90.6827 by changing the saturation by 10% instead.

145.5990,
-38.2563, 90.6827

145.5990,
-38.2563, 90.6827

255.0000, 0.0000,
0.0000

117.4460,
-36.2089, 87.3089

185.3780,
-33.2174, 61.0585

89.0050, -34.0195,
85.0646

204.7780,
-29.9636, 44.0447

58.3730, -28.7779,
83.8649

224.8790,
-26.5623, 26.4161

37.0760, -18.2785,
76.2323

245.0940,
-22.7243, 8.6876

27.8070, -13.7089,
57.1743

251.8080,
-12.2303, 2.7994

19.5490, -9.1447,
39.8605

10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 145.5990,
-38.2563, 90.6827

■ 145.5990,
-38.2563, 90.6827

■ 131.5960,
-43.6778, 102.9633

■ 159.6020,
-32.8348, 78.4020

■ 117.0060,
-48.8100, 115.7587


■ 174.1920,
-27.7027, 65.6066


■ 106.7360,
-52.6208, 124.7655


■ 188.1950,
-22.2811, 53.3260

■ 202.7850,
-17.1490, 40.5306

■ 216.7880,
-11.7275, 28.2499

 230.6770, -6.7428,
16.0693

 245.2670, -1.6106,
3.2738

 253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



141.7920, -7.2925, 99.2834



145.5990, -38.2563, 90.6827



143.1920, -68.1287, 58.5906

Triad

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



145.5990, -38.2563, 90.6827



117.3680, -2.1534, -102.9317



134.7610, 59.2778, -66.4424

Complementary

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



145.5990, -38.2563, 90.6827



171.4010, 38.2563, -90.6827

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.



128.2730, 62.4764, -112.4954



145.5990, -38.2563, 90.6827



126.5390, 25.3703, -110.9747

Square

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



145.5990, -38.2563, 90.6827



130.8940, -39.8807, -42.0030



131.5040, 52.0095, -115.3290



155.9410, 43.4131, 28.9927

Rectangle

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



145.5990, -38.2563, 90.6827



141.2610, -69.6417, 30.4661



131.5040, 52.0095, -115.3290



121.2290, 65.9491, -106.3178

Sweetspot

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



145.5990, -38.2563, 90.6827



222.7880, -11.7275, 28.2499



138.3070, 35.3446, 97.0778



108.8620, -7.3270, 16.7840



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.



145.5990, -38.2563, 90.6827



128.1410, -46.9045, 111.2553



198.4290, -64.3015, 44.3508



117.6480, -2.7845, 6.4477



81.1650, -40.0143, 94.5713



26.4570, -13.0433, 30.2942

Inverse Universe

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



171.4010, 38.2563, -90.6827



159.8590, 46.9045, -111.2553



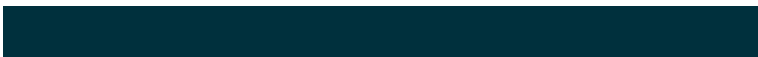
118.5710, 64.3015, -44.3508



119.3520, 2.7845, -6.4477



107.8350, 40.0143, -94.5713



35.1300, 12.7539, -30.8090

Previews

White Background



This preview shows how the YUV color 145.5990, -38.2563, 90.6827 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 145.5990, -38.2563, 90.6827 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 145.5990, -38.2563, 90.6827

Background



This preview shows how black text looks on a background with the YUV color 145.5990, -38.2563, 90.6827.



This preview shows how white text looks on a background with the YUV color 145.5990, -38.2563, 90.6827.

90.6827.

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

145.5990, -38.2563, 90.6827

Protanopia

148.8040, -32.9344, 16.8349

Deuteranopia

148.3520, -44.0505, 35.6483



Tritanopia

148.0500, -18.7586, 90.2872

Trichromacy



Original Color

145.5990, -38.2563, 90.6827

Protanomaly

147.5130, -34.7629, 43.4001

Deuteranomaly

147.6410, -42.2210, 55.5658

Tritanomaly

147.2150, -25.7420, 90.1424

Monochromacy



Original Color

145.5990, -38.2563, 90.6827

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.6530, -13.6329, 32.7533

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.5990, -38.2563, 90.6827 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(249, 108, 68)` looks like.

```
.text, #text, p{  
    color:rgb(249, 108, 68)  
}
```

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(249, 108, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 108, 68) }
```

Border

The CSS property to change the border of an element to YUV 145.5990, -38.2563, 90.6827 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(249, 108, 68) }
```


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

```
.border{ border-color:rgb(249, 108, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 108, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 108, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 108, 68);  
box-shadow:4px 4px 4px 4px rgb(249, 108,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 145.5990, -38.2563, 90.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 108, 68) }
```

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

```
.background{ background-color: rgb(249,  
108, 68) }
```

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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