

Converting Colors

YUV(145.8360, -67.9531,
95.7368)

Have a look what the booklet for
YUV(145.8360, -67.9531, 95.7368)
contains.

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Color

**YUV(145.8360, -67.9531,
95.7368)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7508
RGB	255, 117, 8
RGB Percent	100%, 46%, 3%
CMY	0.0000, 0.5412, 0.9686
CMYK	0.00, 0.54, 0.97, 0.00
HSL	26°, 100%, 52%
HSV	26°, 97%, 100%
XYZ	47.6451, 34.0001, 4.2812
YIQ	145.8360, 117.2370, -4.6430

Conversions

Conversions Part 2

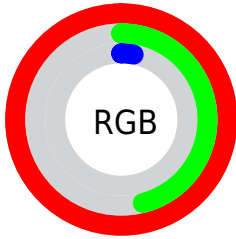
Format	Color
R _{YB}	255, 203, 8
Decimal	16741640
CIE _{Lab}	64.96, 48.21, 71.58
CIE _{LCh}	65, 86.304, 56.039
Y _{xy}	34.0001, 0.5545, 0.3957
Android (android.graphics.Color)	4294931720 (0xFFFF7508)
YUV	145.8360, -67.9531, 95.7368
Hunter-Lab	58.3096, 43.8115, 36.4635

Details

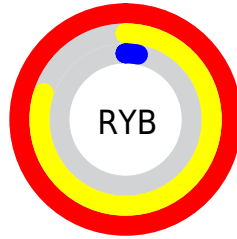
The YUV color **145.8360, -67.9531, 95.7368** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **117.1640, 67.9531, -95.7368**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6450, -55.0410, 60.8243**, and **94.3780, -46.5284, 83.8605** is the 20% darker color. If you saturate the color by 10%, you get **142.5760, -70.2900, 98.5958**, and if you desaturate by 10%, it is **156.9040, -61.0847, 86.0302**.

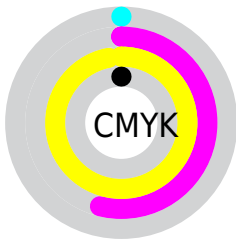
Distribution



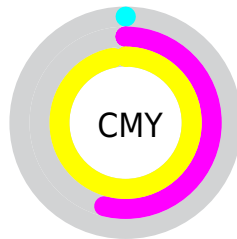
- Red (100%)
- Green (46%)
- Blue (3%)



- Red (100%)
- Yellow (80%)
- Blue (3%)



- Cyan (0%)
- Magenta (54%)
- Yellow (97%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.8360, -67.9531, 95.7368 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 145.8360, -67.9531, 95.7368 by changing the saturation by 10% instead.

145.8360,
-67.9531, 95.7368

145.8360,
-67.9531, 95.7368

255.0000, 0.0000,
0.0000

119.2080,
-58.7695, 90.1486

185.6450,
-55.0410, 60.8243

94.3780, -46.5284,
83.8605

205.1590,
-51.3504, 43.7106

68.3740, -33.7084,
78.6020

225.2600,
-47.9492, 26.0820

37.9730, -18.7207,
78.0767

243.7140,
-43.2430, 9.8978

29.0030, -14.2985,
59.6334

246.9060,
-31.0127, 7.0984


20.3320, -10.0237,
41.8048

250.0980,


12.0740, -5.4595,

-18.7823, 4.2991


24.4911

 253.5180, -5.6784,
1.2997

 0.0000, 0.0000,
0.0000


 145.8360,
-67.9531, 95.7368


 145.8360,
-67.9531, 95.7368


 142.5760,
-70.2900, 98.5958

 156.9040,
-61.0847, 86.0302

 168.0860,
-53.7794, 76.2236

 179.8550,
-46.7635, 65.9022

 190.9230,
-39.8950, 56.1955

 202.1050,
-32.5898, 46.3889

■ 213.1730,
-25.7213, 36.6823

■ 224.9420,
-18.7054, 26.3609

■ 236.0100,
-11.8369, 16.6542

■ 247.1920, -4.5317,
6.8476

Harmonies

Analogous

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



131.6870, -18.0867, 108.1455



145.8360, -67.9531, 95.7368



148.1380, -73.0320, 44.6060

Triad

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



145.8360, -67.9531, 95.7368



128.0600, 8.3514, -112.3086



150.0980, 51.7167, -21.1339

Complementary

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



145.8360, -67.9531, 95.7368



117.1640, 67.9531, -95.7368

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.



129.4470, 61.8976, -113.5250



145.8360, -67.9531, 95.7368



137.6530, 42.5691, -120.7217

Square

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



145.8360, -67.9531, 95.7368



115.7770, -26.0191, -101.5364



138.2520, 57.5568, -121.2470



158.0910, 42.8461, 70.9572

Rectangle

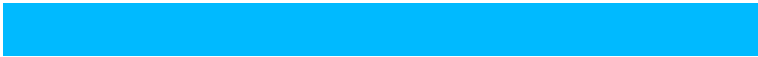
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



145.8360, -67.9531, 95.7368



143.4770, -70.7342, 7.4747



138.2520, 57.5568, -121.2470



124.5620, 64.3059, -92.5779

Sweetspot

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



145.8360, -67.9531, 95.7368



222.4970, -20.4580, 28.5051



97.8130, 24.7422, 137.8530



108.1950, -12.4211, 17.3690



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.



145.8360, -67.9531, 95.7368



142.5760, -70.2900, 98.5958



217.4500, -103.2588, 32.9314



121.8220, -3.3632, 5.4181



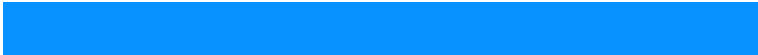
106.4170, -52.4636, 74.1793



35.5720, -17.5370, 24.9314

Inverse Universe

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



117.1640, 67.9531, -95.7368



112.4240, 70.2900, -98.5958



45.5500, 103.2588, -32.9313



120.5910, 3.6526, -4.9033



84.5830, 52.4636, -74.1793



28.4280, 17.5370, -24.9314

Previews

White Background



This preview shows how the YUV color 145.8360, -67.9531, 95.7368 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 145.8360, -67.9531, 95.7368 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 145.8360, -67.9531, 95.7368

Background



This preview shows how black text looks on a background with the YUV color 145.8360, -67.9531, 95.7368.



This preview shows how white text looks on a background with the YUV color 145.8360, -67.9531,

95.7368.

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

145.8360, -67.9531, 95.7368

Protanopia

148.8180, -61.0423, 25.5926

Deuteranopia

147.8500, -72.8901, 45.7356



Tritanopia

154.8540, -18.1690, 87.8280

Trichromacy



Original Color

145.8360, -67.9531, 95.7368

Protanomaly

147.7010, -63.4496, 51.1282

Deuteranomaly

147.1280, -71.0551, 63.9087

Tritanomaly

151.4680, -36.2197, 90.7976

Monochromacy



Original Color

145.8360, -67.9531, 95.7368

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8030, -24.5529, 35.2528

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.8360, -67.9531, 95.7368 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, 117, 8)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 8)  
}
```

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, 117, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 8) }
```

Border

The CSS property to change the border of an element to YUV 145.8360, -67.9531, 95.7368 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, 117, 8) }
```


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

```
.border{ border-color:rgb(255, 117, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 8);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
8) }
```

Background

The CSS property to change the background color of an element to YUV 145.8360, -67.9531, 95.7368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 8) }
```

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

```
.background{ background-color: rgb(255,  
117, 8) }
```

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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