

Converting Colors

YUV(146.6850, -72.3157,
94.9923)

Have a look what the booklet for
YUV(146.6850, -72.3157, 94.9923)
contains.

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Color

**YUV(146.6850, -72.3157,
94.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7800
RGB	255, 120, 0
RGB Percent	100%, 47%, 0%
CMY	0.0000, 0.5294, 1.0000
CMYK	0.00, 0.53, 1.00, 0.00
HSL	28°, 100%, 50%
HSV	28°, 100%, 100%
XYZ	47.9565, 34.6929, 4.1688
YIQ	146.6850, 118.9800, -8.7000

Conversions

Conversions Part 2

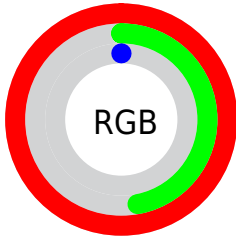
Format	Color
R _Y B	255, 227, 0
Decimal	16742400
CIE Lab	65.51, 46.72, 73.12
CIE LCh	66, 86.775, 57.425
Yxy	34.6929, 0.5524, 0.3996
Android (android.graphics.Color)	4294932480 (0xFFFF7800)
YUV	146.6850, -72.3157, 94.9923
Hunter-Lab	58.9007, 42.2570, 37.0341

Details

The YUV color **146.6850, -72.3157, 94.9923** is a dark color, and the websafe version is hex **FF6600**, and the color name is **safety orange**. The color can be described as dark saturated orange. A complement of this color would be **108.3150, 72.3157, -94.9923**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.0640, -57.2196, 59.5799**, and **96.1390, -47.3965, 82.3161** is the 20% darker color. If you saturate the color by 10%, you get **146.6850, -72.3157, 94.9923**, and if you desaturate by 10%, it is **157.1660, -65.1578, 85.8004**.

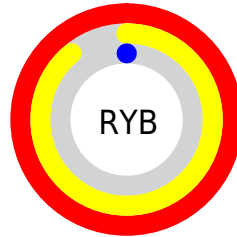
Distribution



Red (100%)

Green (47%)

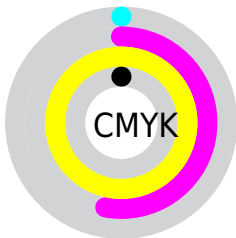
Blue (0%)



Red (100%)

Yellow (89%)

Blue (0%)

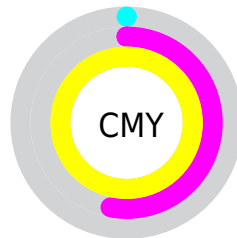


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.6850, -72.3157, 94.9923 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 146.6850, -72.3157, 94.9923 by changing the saturation by 10% instead.

146.6850,
-72.3157, 94.9923

146.6850,
-72.3157, 94.9923

255.0000, 0.0000,
0.0000

120.9690,
-59.6377, 88.6042

187.0640,
-57.2196, 59.5799

96.1390, -47.3965,
82.3161

206.6920,
-53.0922, 42.3661

70.7220, -34.8659,
76.5428

226.2060,
-49.4016, 25.2523

40.3210, -19.8783,
76.0175

243.4860,
-44.1166, 10.0978

29.0030, -14.2985,
59.6334

246.6780,
-31.8863, 7.2984

20.3320, -10.0237,
41.8048


249.9840,

12.0740, -5.4595,


-19.2191, 4.3990

24.4911

 253.2900, -6.5520,
1.4997


 0.0000, 0.0000,
0.0000


 146.6850,
-72.3157, 94.9923

 157.1660,
-65.1578, 85.8004

 168.3480,
-57.8526, 75.9938

 179.5300,
-50.5473, 66.1872

 190.0110,
-43.3894, 56.9954

 201.1930,
-36.0841, 47.1887

■ 211.6740,
-28.9263, 37.9969

■ 222.8560,
-21.6210, 28.1903

■ 233.3370,
-14.4631, 18.9985

■ 244.5190, -7.1579,
9.1918

Harmonies

Analogous

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



133.2200, -19.8285, 106.8011



146.6850, -72.3157, 94.9923



149.3010, -73.6054, 41.8320

Triad

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



146.6850, -72.3157, 94.9923



129.8040, 9.9566, -113.8381



152.5010, 50.5320, -14.4714

Complementary

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



146.6850, -72.3157, 94.9923



108.3150, 72.3157, -94.9923

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



146.6850, -72.3157, 94.9923



139.3970, 44.1743, -122.2512

Square

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



146.6850, -72.3157, 94.9923



117.5210, -24.4139, -103.0659



138.8390, 57.2674, -121.7618



158.8850, 41.9617, 74.6459

Rectangle

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



146.6850, -72.3157, 94.9923



143.7540, -70.8707, 4.6007



138.8390, 57.2674, -121.7618



134.4290, 59.4415, -72.2902

Sweetspot

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



146.6850, -72.3157, 94.9923



222.8560, -21.6210, 28.1903



91.7490, 21.8157, 143.1711



108.0810, -12.8579, 17.4690



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.



146.6850, -72.3157, 94.9923



221.2340, -109.0684, 29.6128



122.4090, -3.6526, 4.9033



109.9390, -54.1999, 71.0905



36.7460, -18.1158, 23.9018

Inverse Universe

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



108.3150, 72.3157, -94.9923



33.7660, 109.0684, -29.6128



120.5910, 3.6526, -4.9033



81.0610, 54.1999, -71.0905



27.2540, 18.1158, -23.9018

Previews

White Background



This preview shows how the YUV color 146.6850, -72.3157, 94.9923 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 146.6850, -72.3157, 94.9923 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 146.6850, -72.3157, 94.9923

Background



This preview shows how black text looks on a background with the YUV color 146.6850, -72.3157, 94.9923.



This preview shows how white text looks on a background with the YUV color 146.6850, -72.3157,

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

146.6850, -72.3157, 94.9923

Protanopia

150.3620, -62.7895, 25.9925

Deuteranopia

148.7360, -73.3268, 45.8355



Tritanopia

156.9570, -17.7268, 85.9837

Trichromacy



Original Color

146.6850, -72.3157, 94.9923

Protanomaly

148.7180, -65.9230, 51.1133

Deuteranomaly

148.2590, -73.0917, 63.7939

Tritanomaly

153.1150, -37.5247, 89.3531

Monochromacy



Original Color

146.6850, -72.3157, 94.9923

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7490, -26.0053, 34.4231

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.6850, -72.3157, 94.9923 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, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 0)  
}
```

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, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 0) }
```

Border

The CSS property to change the border of an element to YUV 146.6850, -72.3157, 94.9923 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, 120, 0) }
```

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

```
.border{ border-color:rgb(255, 120, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 146.6850, -72.3157, 94.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 0) }
```

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

```
.background{ background-color: rgb(255,  
120, 0) }
```

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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