

Converting Colors

YUV(140.6180, -67.3527,
89.7890)

Have a look what the booklet for
YUV(140.6180, -67.3527, 89.7890)
contains.

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Color

**YUV(140.6180, -67.3527,
89.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	F37304
RGB	243, 115, 4
RGB Percent	95%, 45%, 2%
CMY	0.0471, 0.5490, 0.9843
CMYK	0.00, 0.53, 0.98, 0.05
HSL	28°, 97%, 48%
HSV	28°, 98%, 95%
XYZ	43.1148, 31.3249, 3.8888
YIQ	140.6180, 111.9190, -7.3850

Conversions

Conversions Part 2

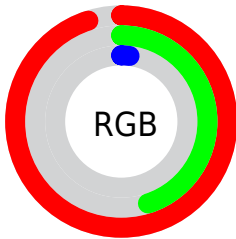
Format	Color
R _Y B	243, 211, 4
Decimal	15954692
CIE Lab	62.78, 44.61, 69.97
CIE LCh	63, 82.974, 57.481
Yxy	31.3249, 0.5504, 0.3999
Android (android.graphics.Color)	4294144772 (0xFFFF37304)
YUV	140.6180, -67.3527, 89.7890
Hunter-Lab	55.9687, 39.5602, 35.0585

Details

The YUV color **140.6180, -67.3527, 89.7890** 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 **106.3820, 67.3527, -89.7890**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5420, -55.4832, 62.6687**, and **90.5020, -44.6175, 77.6127** is the 20% darker color. If you saturate the color by 10%, you get **138.9880, -68.5211, 91.2185**, and if you desaturate by 10%, it is **150.9850, -60.6316, 80.6972**.

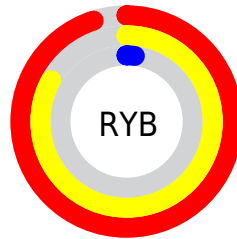
Distribution



Red (95%)

Green (45%)

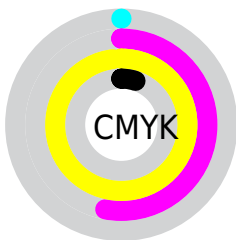
Blue (2%)



Red (95%)

Yellow (83%)

Blue (2%)

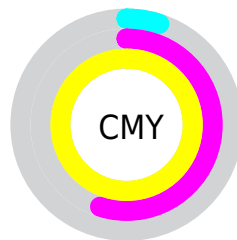


Cyan (0%)

Magenta (53%)

Yellow (98%)

Black (5%)



Cyan (5%)

Magenta (55%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.6180, -67.3527, 89.7890 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 140.6180, -67.3527, 89.7890 by changing the saturation by 10% instead.

140.6180,
-67.3527, 89.7890

140.6180,
-67.3527, 89.7890

255.0000, 0.0000,
0.0000

115.3320,
-56.8587, 83.9008

183.5420,
-55.4832, 62.6687

90.5020, -44.6175,
77.6127

203.0560,
-51.7926, 45.5549

65.0850, -32.0869,
71.8395

223.1570,
-48.3914, 27.9263

34.9830, -17.2466,
71.9289

243.3720,
-44.5534, 10.1978

26.0130, -12.8244,
53.4856

246.5640,
-32.3231, 7.3984

17.7550, -8.2602,
36.1719

249.7560,


8.1870, -3.5432,


-20.0927, 4.5990

16.4990


 253.0620, -7.4256,
1.6996


 0.0000, 0.0000,
0.0000


 140.6180,
-67.3527, 89.7890


 140.6180,
-67.3527, 89.7890


 138.9880,
-68.5211, 91.2185

 150.9850,
-60.6316, 80.6972

 161.4660,
-53.4737, 71.5053

 171.8330,
-46.7527, 62.4135

 182.2000,
-40.0316, 53.3216

 192.5670,
-33.3105, 44.2297

■ 203.0480,
-26.1527, 35.0379

■ 213.4150,
-19.4316, 25.9460

■ 223.7820,
-12.7105, 16.8542

■ 234.2630, -5.5527,
7.6623

Harmonies

Analogous

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



131.0030, -20.7075, 108.7454



140.6180, -67.3527, 89.7890



142.5010, -70.2530, 39.9026

Triad

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



140.6180, -67.3527, 89.7890



123.7230, 9.5036, -108.5051



147.1850, 53.1528, -15.0712

Complementary

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



140.6180, -67.3527, 89.7890



106.3820, 67.3527, -89.7890

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.



124.7510, 64.2128, -109.4066



140.6180, -67.3527, 89.7890



132.8600, 41.9740, -116.5182

Square

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



140.6180, -67.3527, 89.7890



111.8960, -23.1197, -98.1328



133.5560, 59.8719, -117.1286



151.8800, 39.4992, 71.1422

Rectangle

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



140.6180, -67.3527, 89.7890



137.8510, -67.9605, 4.5157



133.5560, 59.8719, -117.1286



131.2170, 61.0250, -66.8423

Sweetspot

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



140.6180, -67.3527, 89.7890



222.2690, -21.3316, 28.7051



90.3950, 21.9903, 133.8346



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.



140.6180, -67.3527, 89.7890



145.5110, -71.7369, 96.0219



208.7100, -100.9220, 30.0723



117.1100, -3.5052, 4.2885



106.0960, -52.3053, 70.0758



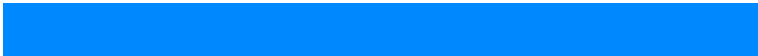
33.4900, -16.5106, 22.3723

Inverse Universe

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



106.3820, 67.3527, -89.7890



109.4890, 71.7369, -96.0219



38.2900, 100.9220, -30.0723



115.4770, 3.2158, -4.8033



79.9040, 52.3053, -70.0758



24.9230, 16.8000, -21.8575

Previews

White Background



This preview shows how the YUV color 140.6180, -67.3527, 89.7890 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 140.6180, -67.3527, 89.7890 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 140.6180, -67.3527, 89.7890

Background



This preview shows how black text looks on a background with the YUV color 140.6180, -67.3527, 89.7890.



This preview shows how white text looks on a background with the YUV color 140.6180, -67.3527, 89.7890.

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

140.6180, -67.3527, 89.7890

Protanopia

143.7470, -60.0213, 24.7779

Deuteranopia

142.5230, -70.2638, 43.3913



Tritanopia

149.3590, -17.4320, 84.7542

Trichromacy



Original Color

140.6180, -67.3527, 89.7890

Protanomaly

142.5050, -62.8600, 48.6691

Deuteranomaly

141.8610, -69.4445, 60.6349

Tritanomaly

146.2610, -35.6247, 86.5941

Monochromacy



Original Color

140.6180, -67.3527, 89.7890

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.0800, -24.6894, 32.3788

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.6180, -67.3527, 89.7890 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(243, 115, 4)` looks like.

```
.text, #text, p{  
    color:rgb(243, 115, 4)  
}
```

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(243, 115, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 115, 4) }
```

Border

The CSS property to change the border of an element to YUV 140.6180, -67.3527, 89.7890 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(243, 115, 4) }
```


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

```
.border{ border-color:rgb(243, 115, 4) }
```

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

Here you see how a box with a 4 pixel rgb(243, 115, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 115, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 115, 4);  
box-shadow:4px 4px 4px 4px rgb(243, 115,  
4) }
```

Background

The CSS property to change the background color of an element to YUV 140.6180, -67.3527, 89.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 115, 4) }
```

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

```
.background{ background-color: rgb(243,  
115, 4) }
```

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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