

Converting Colors

YUV(146.3210, -53.4023,
95.3115)

Have a look what the booklet for
YUV(146.3210, -53.4023, 95.3115)
contains.

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Color

**YUV(146.3210, -53.4023,
95.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7026
RGB	255, 112, 38
RGB Percent	100%, 44%, 15%
CMY	0.0000, 0.5608, 0.8510
CMYK	0.00, 0.56, 0.85, 0.00
HSL	20°, 100%, 57%
HSV	20°, 85%, 100%
XYZ	47.3840, 32.9883, 5.7037
YIQ	146.3210, 108.9820, 7.3020

Conversions

Conversions Part 2

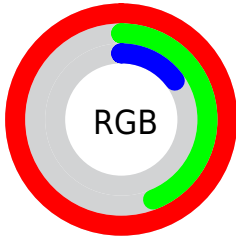
Format	Color
R_{YB}	255, 150, 38
Decimal	16740390
CIE Lab	64.15, 50.98, 63.36
CIE LCh	64, 81.323, 51.178
Yxy	32.9883, 0.5505, 0.3832
Android (android.graphics.Color)	4294930470 (0xFFFF7026)
YUV	146.3210, -53.4023, 95.3115
Hunter-Lab	57.4354, 46.7499, 34.3169

Details

The YUV color **146.3210, -53.4023, 95.3115** 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 **146.6790, 53.4023, -95.3115**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6480, -46.1685, 61.6987**, and **90.8560, -44.7920, 86.9493** is the 20% darker color. If you saturate the color by 10%, you get **133.4920, -59.4026, 106.5625**, and if you desaturate by 10%, it is **159.2640, -46.9652, 83.9605**.

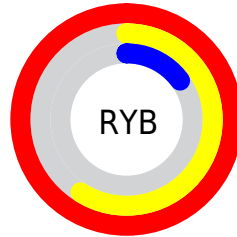
Distribution



Red (100%)

Green (44%)

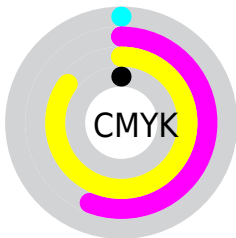
Blue (15%)



Red (100%)

Yellow (59%)

Blue (15%)

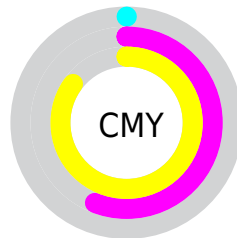


Cyan (0%)

Magenta (56%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3210, -53.4023, 95.3115 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 146.3210, -53.4023, 95.3115 by changing the saturation by 10% instead.

146.3210,
-53.4023, 95.3115

146.3210,
-53.4023, 95.3115

255.0000, 0.0000,
0.0000

116.9140,
-56.1596, 93.0374

184.6480,
-46.1685, 61.6987

90.8560, -44.7920,
86.9493

204.0480,
-42.9147, 44.6849

63.3900, -31.2513,
83.8500

224.1490,
-39.5135, 27.0563

37.9730, -18.7207,
78.0767

244.2500,
-36.1122, 9.4278

29.0030, -14.2985,
59.6334

248.7300,
-24.0239, 5.4988

20.4460, -9.5869,
41.7049

251.9220,

11.7750, -5.3121,

-11.7935, 2.6994

23.8763

■ 0.0000, 0.0000,
0.0000

■ 146.3210,
-53.4023, 95.3115

■ 146.3210,
-53.4023, 95.3115

■ 133.4920,
-59.4026, 106.5625

■ 159.2640,
-46.9652, 83.9605

■ 127.3140,
-62.7658, 111.9806

■ 172.0930,
-40.9648, 72.7094

■ 184.4490,
-34.2384, 61.8732

■ 197.2780,
-28.2381, 50.6222

■ 210.2210,
-21.8010, 39.2712

223.0500,
-15.8006, 28.0202

235.9930, -9.3635,
16.6691

248.2350, -3.0739,
5.9329

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



133.7560, -12.6977, 106.3310



146.3210, -53.4023, 95.3115



146.4100, -72.1801, 51.3834

Triad

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



146.3210, -53.4023, 95.3115



124.1160, 3.3938, -108.8497



144.3730, 54.5391, -39.7921

Complementary

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



146.3210, -53.4023, 95.3115



146.6790, 53.4023, -95.3115

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



146.3210, -53.4023, 95.3115



133.8400, 35.5749, -117.3777

Square

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



146.3210, -53.4023, 95.3115



113.1260, -28.6561, -95.7035



137.0780, 58.1355, -120.2174



158.0350, 44.3527, 54.3433

Rectangle

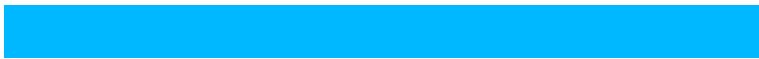
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



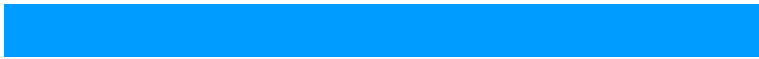
146.3210, -53.4023, 95.3115



142.9450, -70.4719, 16.7112



137.0780, 58.1355, -120.2174



120.0550, 66.5279, -105.2882

Sweetspot

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



146.3210, -53.4023, 95.3115



221.6480, -16.0955, 29.2497



119.4130, 31.3484, 118.9098



107.5910, -9.6584, 17.8987



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.



146.3210, -53.4023, 95.3115



127.3140, -62.7658, 111.9806



209.1300, -84.3671, 40.2280



121.2350, -3.0739, 5.9329



95.2640, -46.9652, 83.9605



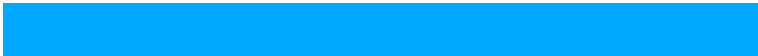
32.0500, -15.8006, 28.0202

Inverse Universe

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



146.6790, 53.4023, -95.3115



127.6860, 62.7658, -111.9806



83.8700, 84.3671, -40.2280



121.1780, 3.3632, -5.4181



95.7360, 46.9652, -83.9605



31.9500, 15.8006, -28.0202

Previews

White Background



This preview shows how the YUV color 146.3210, -53.4023, 95.3115 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 146.3210, -53.4023, 95.3115 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 146.3210, -53.4023, 95.3115

Background



This preview shows how black text looks on a background with the YUV color 146.3210, -53.4023, 95.3115.



This preview shows how white text looks on a background with the YUV color 146.3210, -53.4023, 95.3115.

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

146.3210, -53.4023, 95.3115

Protanopia

149.4830, -49.5381, 22.3784

Deuteranopia

147.8310, -64.0067, 43.1212



Tritanopia

151.9360, -19.1954, 90.3871

Trichromacy



Original Color

146.3210, -53.4023, 95.3115

Protanomaly

148.3060, -50.9299, 48.8436

Deuteranomaly

147.2770, -60.2826, 62.0241

Tritanomaly

150.0320, -31.5678, 92.0569

Monochromacy



Original Color

146.3210, -53.4023, 95.3115

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.4700, -19.4587, 34.6678

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3210, -53.4023, 95.3115 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, 112, 38)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 38)  
}
```

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, 112, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 38) }
```

Border

The CSS property to change the border of an element to YUV 146.3210, -53.4023, 95.3115 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, 112, 38) }
```


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

```
.border{ border-color:rgb(255, 112, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 38);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 146.3210, -53.4023, 95.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 38) }
```

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

```
.background{ background-color: rgb(255,  
112, 38) }
```

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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