

Converting Colors

YUV(123.7020, -51.1251,
111.6403)

Have a look what the booklet for
YUV(123.7020, -51.1251, 111.6403)
contains.

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Color

**YUV(123.7020, -51.1251,
111.6403)**

Conversions

Conversions Part 1

Format	Color
Hex	FB4F14
RGB	251, 79, 20
RGB Percent	98%, 31%, 8%
CMY	0.0157, 0.6902, 0.9216
CMYK	0.00, 0.69, 0.92, 0.02
HSL	15°, 97%, 53%
HSV	15°, 92%, 98%
XYZ	42.7059, 26.1517, 3.4588
YIQ	123.7020, 121.4510, 18.1150

Conversions

Conversions Part 2

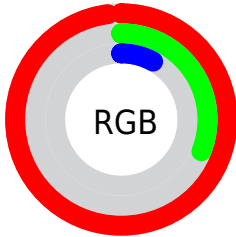
Format	Color
R_{YB}	251, 99, 20
Decimal	16469780
CIE _{Lab}	58.18, 63.22, 64.56
CIE _{LCh}	58, 90.354, 45.602
Yxy	26.1517, 0.5905, 0.3616
Android (android.graphics.Color)	4294659860 (0xFFFB4F14)
YUV	123.7020, -51.1251, 111.6403
Hunter-Lab	51.1387, 59.5724, 31.7871

Details

The YUV color **123.7020, -51.1251, 111.6403** is a dark color, and the websafe version is hex **FF3300**, and the color name is **orioles orange**. The color can be described as dark washed red. A complement of this color would be **147.2980, 51.1251, -111.6403**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1000, -44.9123, 78.8423**, and **55.3150, -27.2703, 113.7337** is the 20% darker color. If you saturate the color by 10%, you get **112.6170, -55.5202, 121.3619**, and if you desaturate by 10%, it is **137.7050, -45.7036, 99.3597**.

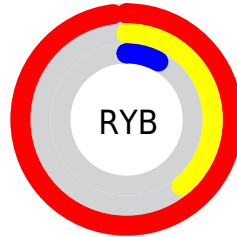
Distribution



Red (98%)

Green (31%)

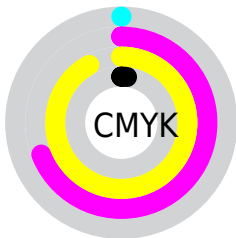
Blue (8%)



Red (98%)

Yellow (39%)

Blue (8%)

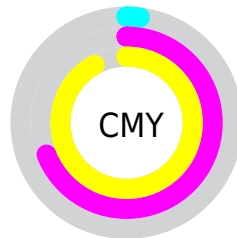


Cyan (0%)

Magenta (69%)

Yellow (92%)

Black (2%)



Cyan (2%)


Magenta (69%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.7020, -51.1251, 111.6403 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 123.7020, -51.1251, 111.6403 by changing the saturation by 10% instead.


 123.7020,
-51.1251, 111.6403


 123.7020,
-51.1251, 111.6403


255.0000, 0.0000,
0.0000


 93.3580, -46.0255,
109.3110


 165.1000,
-44.9123, 78.8423


 55.3150, -27.2703,
113.7337


 184.5000,
-41.6585, 61.8285

 45.7470, -22.5533,
94.0609


 204.6010,
-38.2573, 44.1999

 36.1790, -17.8362,
74.3880

 224.7020,
-34.8561, 26.5713

 26.9100, -13.2666,
55.3299

 245.3900,
-31.7443, 8.4280

 18.5810, -7.6814,
37.2015

 249.7560,


 7.5890, -3.2484,


-20.0927, 4.5990


15.2694


 253.0620, -7.4256,
1.6996


 0.0000, 0.0000,
0.0000


 123.7020,
-51.1251, 111.6403


 123.7020,
-51.1251, 111.6403


 112.6170,
-55.5202, 121.3619

 137.7050,
-45.7036, 99.3597

 151.1210,
-39.9927, 87.5939

 165.1240,
-34.5711, 75.3133

 179.1270,
-29.1496, 63.0326

 192.6570,
-23.0019, 51.1668

206.6600,
-17.5804, 38.8862

220.6630,
-12.1589, 26.6055

234.6660, -6.7373,
14.3249

248.0820, -1.0264,
2.5591

Harmonies

Analogous

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



89.7480, 6.5332, 144.9260



123.7020, -51.1251, 111.6403



131.7130, -64.9345, 60.7647

Triad

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



123.7020, -51.1251, 111.6403



111.4350, -7.1165, -97.7285



108.9020, 72.0263, -95.5071

Complementary

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



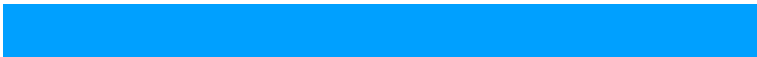
123.7020, -51.1251, 111.6403



147.2980, 51.1251, -111.6403

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.



122.9900, 65.0809, -107.8622



123.7020, -51.1251, 111.6403



122.0710, 28.5590, -107.0563

Square

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



123.7020, -51.1251, 111.6403



96.2680, -47.4601, -84.4270



129.2190, 61.0240, -113.3251



141.0150, 54.7156, 43.8368

Rectangle

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



123.7020, -51.1251, 111.6403



130.2970, -64.2364, 23.4185



129.2190, 61.0240, -113.3251



114.7720, 69.1324, -100.6550

Sweetspot

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



123.7020, -51.1251, 111.6403



215.7950, -15.6749, 34.3828



108.7910, 41.5150, 124.7173



103.6130, -9.6692, 21.3874



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.



123.7020, -51.1251, 111.6403



114.4000, -56.3992, 123.3062



190.6200, -84.1157, 52.9533



118.2350, -3.0739, 5.9329



84.6870, -41.7507, 91.4825



27.6310, -13.6221, 29.2646

Inverse Universe

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



147.2980, 51.1251, -111.6403



140.6000, 56.3992, -123.3062



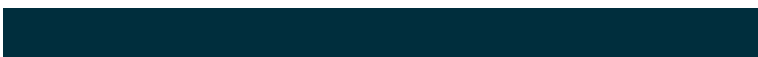
80.3800, 84.1157, -52.9533



119.3520, 2.7845, -6.4477



104.3130, 41.7507, -91.4825



33.9560, 13.3327, -29.7794

Previews

White Background



This preview shows how the YUV color 123.7020, -51.1251, 111.6403 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 123.7020, -51.1251, 111.6403 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.7020, -51.1251, 111.6403 Background



This preview shows how black text looks on a background with the YUV color 123.7020, -51.1251, 111.6403.



This preview shows how white text looks on a background with the YUV color 123.7020, -51.1251, 111.6403.

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

123.7020, -51.1251, 111.6403

Protanopia

133.8140, -48.2223, 20.3341

Deuteranopia

130.9940, -64.5800, 40.3473



Tritanopia

127.5640, -24.9281, 109.1304

Trichromacy



Original Color

123.7020, -51.1251, 111.6403

Protanomaly

129.7950, -49.1989, 53.6768

Deuteranomaly

128.1250, -59.7146, 66.5424

Tritanomaly

126.3440, -34.6796, 110.2003

Monochromacy



Original Color

123.7020, -51.1251, 111.6403

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0300, -18.7488, 40.3157

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7020, -51.1251, 111.6403 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(251, 79, 20)` looks like.

```
.text, #text, p{  
    color:rgb(251, 79, 20)  
}
```

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(251, 79, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 79, 20) }
```

Border

The CSS property to change the border of an element to YUV 123.7020, -51.1251, 111.6403 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(251, 79, 20) }
```


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

```
.border{ border-color:rgb(251, 79, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 79, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 79, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 79, 20);  
box-shadow:4px 4px 4px 4px rgb(251, 79,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 123.7020, -51.1251, 111.6403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 79, 20) }
```

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

```
.background{ background-color: rgb(251, 79,  
20) }
```

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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