

# Converting Colors

YUV(120.7520, -53.6147,  
116.8585)

Have a look what the booklet for  
YUV(120.7520, -53.6147, 116.8585)  
contains.

<b>YUV(120.7520, -53.6147, 116.8585)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(120.7520, -53.6147,  
116.8585)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE4A0C
RGB	254, 74, 12
RGB Percent	100%, 29%, 5%
CMY	0.0039, 0.7098, 0.9529
CMYK	0.00, 0.71, 0.95, 0.00
HSL	15°, 99%, 52%
HSV	15°, 95%, 100%
XYZ	43.3882, 25.9949, 3.0785
YIQ	120.7520, 127.1820, 18.8780

# Conversions

## Conversions Part 2

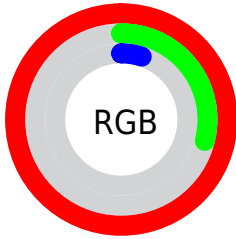
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	254, 95, 12
Decimal	16665100
CIE Lab	58.03, 65.88, 66.71
CIE LCh	58, 93.762, 45.358
Yxy	25.9949, 0.5988, 0.3587
Android (android.graphics.Color)	4294855180 (0xFFFE4A0C)
YUV	120.7520, -53.6147, 116.8585
Hunter-Lab	50.9852, 62.6785, 32.1097

# Details

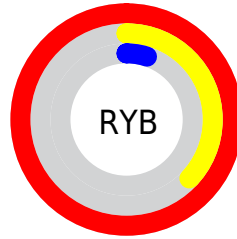
The YUV color **120.7520, -53.6147, 116.8585** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **145.2480, 53.6147, -116.8585**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2960, -45.5019, 81.3014**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **114.1010, -56.2518, 122.6914**, and if you desaturate by 10%, it is **134.7550, -48.1932, 104.5779**.

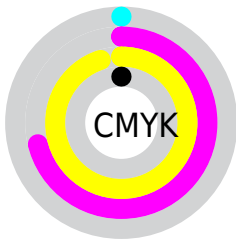
# Distribution



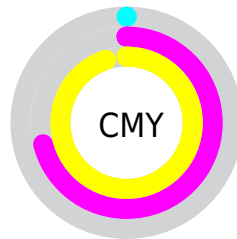
- Red (100%)
- Green (29%)
- Blue (5%)



- Red (100%)
- Yellow (37%)
- Blue (5%)



- Cyan (0%)
- Magenta (71%)
- Yellow (95%)
- Black (0%)




- Cyan (0%)
- Magenta (71%)
- Yellow (95%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 120.7520, -53.6147, 116.8585 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 120.7520, -53.6147, 116.8585 by changing the saturation by 10% instead.





 120.7520,  
-53.6147, 116.8585


 120.7520,  
-53.6147, 116.8585


255.0000, 0.0000,  
0.0000


 89.5590, -44.1526,  
115.2738


 162.2960,  
-45.5019, 81.3014


 56.2120, -27.7125,  
115.5781


 182.2830,  
-42.5375, 63.7728


 46.3450, -22.8481,  
95.2904


 202.2700,  
-39.5731, 46.2442

 36.7770, -18.1311,  
75.6176

 222.3710,  
-36.1719, 28.6156

 27.6220, -13.1246,  
56.4595

 243.1730,  
-32.6233, 10.3723

 19.1790, -7.9762,  
38.4310


 249.3000,


 8.4860, -3.6906,


-21.8399, 4.9989


17.1138


 252.4920, -9.6096,  
2.1995

 0.0000, 0.0000,  
0.0000


 120.7520,  
-53.6147, 116.8585


 120.7520,  
-53.6147, 116.8585


 114.1010,  
-56.2518, 122.6914

 134.7550,  
-48.1932, 104.5779

 148.8720,  
-42.3349, 92.1973

 162.8750,  
-36.9134, 79.9166

 176.9920,  
-31.0551, 67.5360

 190.4080,  
-25.3441, 55.7702

■ 204.4110,  
-19.9226, 43.4896

■ 218.5280,  
-14.0643, 31.1089

■ 232.5310, -8.6428,  
18.8283

■ 246.6480, -2.7845,  
6.4477

# Harmonies

## Analogous

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



87.8730, 6.9646, 146.5704



120.7520, -53.6147, 116.8585



131.4250, -64.7925, 61.8943

# Triad

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



120.7520, -53.6147, 116.8585



111.2070, -7.9901, -97.5285



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.



120.7520, -53.6147, 116.8585



145.2480, 53.6147, -116.8585

# 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.



123.5770, 64.7915, -108.3770



120.7520, -53.6147, 116.8585



122.1850, 28.9958, -107.1562

# Square

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



120.7520, -53.6147, 116.8585



96.2680, -47.4601, -84.4270



129.4470, 61.8976, -113.5250



139.5960, 56.8942, 45.0813



# Rectangle

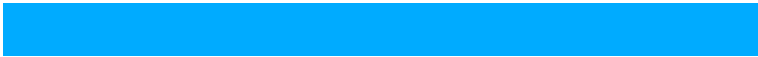
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



120.7520, -53.6147, 116.8585



129.4110, -63.7996, 23.3186



129.4470, 61.8976, -113.5250



114.7720, 69.1324, -100.6550

# Sweetspot

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



120.7520, -53.6147, 116.8585



214.2790, -16.4065, 35.7123



105.1060, 43.8247, 130.5800



102.9120, -9.8166, 22.0022



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.



120.7520, -53.6147, 116.8585



114.4000, -56.3992, 123.3062



191.1920, -88.3417, 55.0826



120.6480, -2.7845, 6.4477



85.8720, -42.3349, 92.1973



28.5280, -14.0643, 31.1089

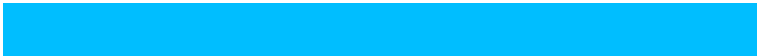


# Inverse Universe

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



145.2480, 53.6147, -116.8585



140.6000, 56.3992, -123.3062



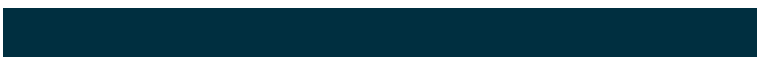
75.3950, 88.0523, -55.5974



121.7650, 3.0739, -5.9329



105.1280, 42.3349, -92.1973



34.8850, 14.3537, -30.5941



# Previews

## White Background



This preview shows how the YUV color 120.7520, -53.6147, 116.8585 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 120.7520, -53.6147, 116.8585 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 120.7520, -53.6147, 116.8585 Background



This preview shows how black text looks on a background with the YUV color 120.7520, -53.6147, 116.8585.



This preview shows how white text looks on a background with the YUV color 120.7520, -53.6147, 116.8585.



# 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

120.7520, -53.6147, 116.8585

### Protanopia

132.6570, -50.1169, 21.3488

### Deuteranopia

130.6950, -64.4326, 39.7325



## Tritanopia

124.9560, -26.1073, 114.0486

# Trichromacy



## Original Color

120.7520, -53.6147, 116.8585

## Protanomaly

128.2360, -51.3883, 55.9210

## Deuteranomaly

127.1960, -60.7356, 67.3571

## Tritanomaly

123.6220, -36.2956, 115.2185

# Monochromacy



## Original Color

120.7520, -53.6147, 116.8585

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

120.8130, -19.6278, 42.2600

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.7520, -53.6147, 116.8585 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(254, 74, 12)` looks like.

```
.text, #text, p{  
    color:rgb(254, 74, 12)  
}
```

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(254, 74, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 74, 12) }
```

## Border

The CSS property to change the border of an element to YUV 120.7520, -53.6147, 116.8585 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(254, 74, 12) }
```



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

```
.border{ border-color:rgb(254, 74, 12) }
```

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

Here you see how a box with a 4 pixel rgb(254, 74, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 74, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 74, 12);  
box-shadow:4px 4px 4px 4px rgb(254, 74,  
12) }
```

# Background

The CSS property to change the background color of an element to YUV 120.7520, -53.6147, 116.8585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 74, 12) }
```

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

```
.background{ background-color: rgb(254, 74,  
12) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor