

# Converting Colors

YUV(106.0050, -43.8795,  
121.0216)

Have a look what the booklet for  
YUV(106.0050, -43.8795, 121.0216)  
contains.

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# Color

**YUV(106.0050, -43.8795,  
121.0216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F43511
RGB	244, 53, 17
RGB Percent	96%, 21%, 7%
CMY	0.0431, 0.7922, 0.9333
CMYK	0.00, 0.78, 0.93, 0.04
HSL	10°, 91%, 51%
HSV	10°, 93%, 96%
XYZ	38.6825, 21.8198, 2.7032
YIQ	106.0050, 125.3920, 29.2960

# Conversions

## Conversions Part 2

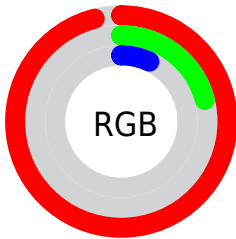
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 60, 17
Decimal	16004369
CIE Lab	53.84, 69.52, 62.06
CIE LCh	54, 93.192, 41.755
Yxy	21.8198, 0.6120, 0.3452
Android (android.graphics.Color)	4294194449 (0xFFFF43511)
YUV	106.0050, -43.8795, 121.0216
Hunter-Lab	46.7116, 66.0728, 29.2671

# Details

The YUV color **106.0050, -43.8795, 121.0216** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **154.9950, 43.8795, -121.0216**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.3170, -40.5823, 90.0530**, and **53.2220, -26.2384, 109.4303** is the 20% darker color. If you saturate the color by 10%, you get **95.8490, -47.2536, 129.9284**, and if you desaturate by 10%, it is **121.0680, -39.4735, 107.8114**.

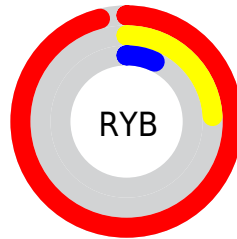
# Distribution



Red (96%)

Green (21%)

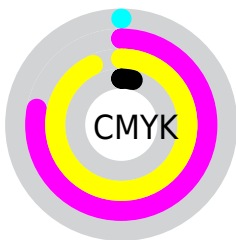
Blue (7%)



Red (96%)

Yellow (24%)

Blue (7%)

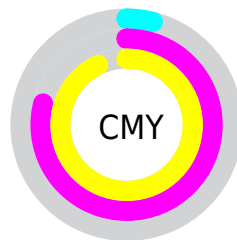


Cyan (0%)

Magenta (78%)

Yellow (93%)

Black (4%)



Cyan (4%)

Magenta (79%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.0050, -43.8795, 121.0216 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 106.0050, -43.8795, 121.0216 by changing the saturation by 10% instead.





 106.0050,  
-43.8795, 121.0216


 106.0050,  
-43.8795, 121.0216


255.0000, 0.0000,  
0.0000


 63.0890, -31.1029,  
129.7179


 152.3170,  
-40.5823, 90.0530


 53.2220, -26.2384,  
109.4303


 172.1900,  
-38.0547, 72.6244


 43.3550, -21.3740,  
89.1427

 192.1770,  
-35.0903, 55.0958

 33.7870, -16.6570,  
69.4698

 212.8650,  
-31.9784, 36.9524

 24.7460, -11.2138,  
50.2118

 233.5530,  
-28.8666, 18.8090


 15.7760, -6.7916,  
31.7684


 249.0720,


 0.0000, 0.0000,


-22.7135, 5.1989


0.0000


 252.3780,  
-10.0464, 2.2995


 106.0050,  
-43.8795, 121.0216


 106.0050,  
-43.8795, 121.0216


 95.8490, -47.2536,  
129.9284

 121.0680,  
-39.4735, 107.8114

 135.6580,  
-34.3414, 95.0159

 150.7210,  
-29.9355, 81.8057

 165.3110,  
-24.8033, 69.0103

 180.3740,  
-20.3974, 55.8000

194.8500,  
-15.7020, 43.1046

210.0270,  
-10.8593, 29.7943

224.5030, -6.1640,  
17.0989

239.6800, -1.3212,  
3.7886

# Harmonies

## Analogous

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



87.7590, 6.5278, 146.6704



106.0050, -43.8795, 121.0216



120.8260, -59.5672, 65.9276

# Triad

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



106.0050, -43.8795, 121.0216



101.1820, -13.4007, -88.7366



105.3800, 73.7627, -92.4183

# Complementary

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



106.0050, -43.8795, 121.0216



154.9950, 43.8795, -121.0216

# 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.



118.2940, 67.3961, -103.7438



106.0050, -43.8795, 121.0216



112.6330, 22.8589, -98.7791

# Square

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



106.0050, -43.8795, 121.0216



88.6370, -43.6980, -77.7346



120.7100, 56.3450, -105.8627



129.3170, 59.9897, 32.1710



# Rectangle

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



106.0050, -43.8795, 121.0216



120.2960, -59.3059, 28.6814



120.7100, 56.3450, -105.8627



110.6630, 71.1581, -97.0515

# Sweetspot

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



106.0050, -43.8795, 121.0216



211.6860, -13.6492, 37.9864



106.8750, 50.8406, 120.2586



101.2650, -8.5116, 23.4466



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.



106.0050, -43.8795, 121.0216



99.7250, -49.1644, 136.1762



171.7490, -76.2913, 63.3641



114.7620, -2.3477, 6.3477



73.2240, -36.0994, 98.9046



22.9240, -11.3015, 31.6387



# Inverse Universe

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



154.9950, 43.8795, -121.0216



155.2750, 49.1644, -136.1762



89.2510, 76.2913, -63.3641



117.2380, 2.3477, -6.3477



113.3630, 35.8100, -99.4194



35.4890, 11.5909, -31.1239



# Previews

## White Background



This preview shows how the YUV color 106.0050, -43.8795, 121.0216 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 106.0050, -43.8795, 121.0216 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 106.0050, -43.8795, 121.0216 Background



This preview shows how black text looks on a background with the YUV color 106.0050, -43.8795, 121.0216.



This preview shows how white text looks on a background with the YUV color 106.0050, -43.8795, 121.0216.



# 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

106.0050, -43.8795, 121.0216

### Protanopia

123.1820, -42.9807, 19.1344

### Deuteranopia

120.9380, -59.6224, 36.8884



## Tritanopia

108.0060, -28.5970, 119.2667

# Trichromacy



## Original Color

106.0050, -43.8795, 121.0216

## Protanomaly

116.7120, -43.2420, 56.3806

## Deuteranomaly

115.6180, -54.0417, 66.9870

## Tritanomaly

107.2250, -34.1279, 119.9517

# Monochromacy



## Original Color

106.0050, -43.8795, 121.0216

## Achromatopsia

106.0000, 0.0000, 0.0000

## Achromatomaly

106.1490, -15.8495, 43.7193

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.0050, -43.8795, 121.0216 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(244, 53, 17)` looks like.

```
.text, #text, p{  
    color:rgb(244, 53, 17)  
}
```

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(244, 53, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 53, 17) }
```

## Border

The CSS property to change the border of an element to YUV 106.0050, -43.8795, 121.0216 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(244, 53, 17) }
```



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

```
.border{ border-color:rgb(244, 53, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 53, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 53, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 53, 17);  
box-shadow:4px 4px 4px 4px rgb(244, 53,  
17) }
```

# Background

The CSS property to change the background color of an element to YUV 106.0050, -43.8795, 121.0216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 53, 17) }
```

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

```
.background{ background-color: rgb(244, 53,  
17) }
```

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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