

# Converting Colors

YUV(100.9060, -40.3797,  
118.4774)

Have a look what the booklet for  
YUV(100.9060, -40.3797, 118.4774)  
contains.

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# Color

**YUV(100.9060, -40.3797,  
118.4774)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC3013
RGB	236, 48, 19
RGB Percent	93%, 19%, 7%
CMY	0.0745, 0.8118, 0.9255
CMYK	0.00, 0.80, 0.92, 0.07
HSL	8°, 85%, 50%
HSV	8°, 92%, 93%
XYZ	35.7666, 19.9938, 2.5902
YIQ	100.9060, 121.3570, 30.8370

# Conversions

## Conversions Part 2

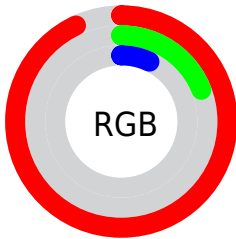
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">236, 52, 19</a>
Decimal	<a href="#">15478803</a>
CIELab	<a href="#">51.83, 68.61, 59.43</a>
CIElCh	<a href="#">52, 90.768, 40.899</a>
Yxy	<a href="#">19.9938, 0.6130, 0.3426</a>
Android (android.graphics.Color)	<a href="#">4293668883 (0xFFEC3013)</a>
YUV	<a href="#">100.9060, -40.3797, 118.4774</a>
Hunter-Lab	<a href="#">44.7144, 64.5300, 27.8656</a>

# Details

The YUV color **100.9060, -40.3797, 118.4774** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **154.0940, 40.3797, -118.4774**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3820, -39.1353, 92.6270**, and **50.8300, -25.0592, 104.5121** is the 20% darker color. If you saturate the color by 10%, you get **89.3480, -44.0486, 128.6138**, and if you desaturate by 10%, it is **115.3820, -35.6843, 105.7820**.

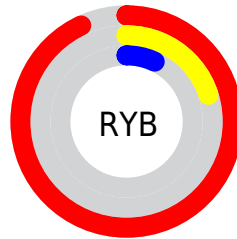
# Distribution



Red (93%)

Green (19%)

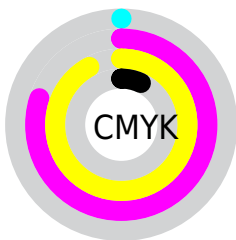
Blue (7%)



Red (93%)

Yellow (20%)

Blue (7%)

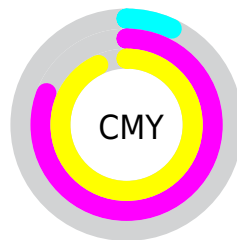


Cyan (0%)

Magenta (80%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (81%)


Yellow (93%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 100.9060, -40.3797, 118.4774 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 100.9060, -40.3797, 118.4774 by changing the saturation by 10% instead.




 100.9060,  
-40.3797, 118.4774


 100.9060,  
-40.3797, 118.4774


255.0000, 0.0000,  
0.0000

 60.6970, -29.9236,  
124.7997


 149.3820,  
-39.1353, 92.6270


 50.8300, -25.0592,  
104.5121


 169.2550,  
-36.6077, 75.1984


 41.2620, -20.3422,  
84.8392


 189.8290,  
-33.9327, 57.1550

 31.6940, -15.6251,  
65.1664

 209.9300,  
-30.5315, 39.5264

 23.0660, -9.8925,  
46.4231

 230.6180,  
-27.4197, 21.3830


 13.5690, -6.1965,  
27.5650


 249.0720,


 0.0000, 0.0000,


-22.7135, 5.1989


0.0000


 252.2640,  
-10.4832, 2.3995

 100.9060,  
-40.3797, 118.4774

 100.9060,  
-40.3797, 118.4774


 89.3480, -44.0486,  
128.6138

 115.3820,  
-35.6843, 105.7820

 130.3310,  
-31.7152, 92.6717

 144.8070,  
-27.0199, 79.9763

 159.7560,  
-23.0507, 66.8660

 174.2320,  
-18.3554, 54.1705

■ 189.2950,  
-13.9494, 40.9603

■ 203.6570, -9.6909,  
28.3648

■ 218.7200, -5.2850,  
15.1546

■ 233.0820, -1.0264,  
2.5591

# Harmonies

## Analogous

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



87.2320, 5.8016, 146.2555



100.9060, -40.3797, 118.4774



116.0970, -57.2358, 64.8129

# Triad

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



100.9060, -40.3797, 118.4774



96.9760, -14.2852, -85.0480



102.4450, 75.2096, -89.8443

# Complementary

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



100.9060, -40.3797, 118.4774



154.0940, 40.3797, -118.4774

# 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.



114.7720, 69.1324, -100.6550



100.9060, -40.3797, 118.4774



108.1990, 21.1009, -94.8905

# Square

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



100.9060, -40.3797, 118.4774



85.1150, -41.9617, -74.6459



116.0480, 53.7133, -101.7741



124.2410, 58.5482, 27.8526



# Rectangle

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



100.9060, -40.3797, 118.4774



116.1650, -57.2693, 28.7963



116.0480, 53.7133, -101.7741



107.7280, 72.6051, -94.4775

# Sweetspot

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



100.9060, -40.3797, 118.4774



210.5120, -13.0704, 39.0160



105.3150, 50.1307, 114.6107



100.6780, -8.2223, 23.9614



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.



100.9060, -40.3797, 118.4774



96.2030, -47.4281, 139.2650



164.3020, -71.6339, 62.8791



109.8760, -1.9109, 6.2477



68.2070, -33.6261, 98.9195



20.2550, -9.9857, 29.5944

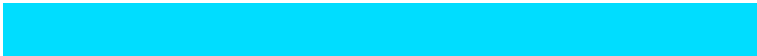


# Inverse Universe

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



154.0940, 40.3797, -118.4774



158.7970, 47.4281, -139.2650



90.6980, 71.6339, -62.8791



113.1240, 1.9109, -6.2477



112.7930, 33.6261, -98.9195



33.1580, 10.2751, -29.0796



# Previews

## White Background



This preview shows how the YUV color 100.9060, -40.3797, 118.4774 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 100.9060, -40.3797, 118.4774 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 100.9060, -40.3797, 118.4774 Background



This preview shows how black text looks on a background with the YUV color 100.9060, -40.3797, 118.4774.



This preview shows how white text looks on a background with the YUV color 100.9060, -40.3797, 118.4774.



# 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

100.9060, -40.3797, 118.4774

### Protanopia

118.5670, -40.2125, 17.9197

### Deuteranopia

116.2090, -57.2910, 35.7737



## Tritanopia

102.1090, -28.1547, 117.4224

# Trichromacy



## Original Color

100.9060, -40.3797, 118.4774

## Protanomaly

111.7980, -40.3264, 54.5512

## Deuteranomaly

111.0030, -51.2735, 65.7724

## Tritanomaly

101.6700, -32.3753, 117.8074

# Monochromacy



## Original Color

100.9060, -40.3797, 118.4774

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.0780, -14.8285, 42.9046

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.9060, -40.3797, 118.4774 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(236, 48, 19)` looks like.

```
.text, #text, p{  
    color:rgb(236, 48, 19)  
}
```

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(236, 48, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 48, 19) }
```

## Border

The CSS property to change the border of an element to YUV 100.9060, -40.3797, 118.4774 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(236, 48, 19) }
```



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

```
.border{ border-color:rgb(236, 48, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 48, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 48, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 48, 19);  
box-shadow:4px 4px 4px 4px rgb(236, 48,  
19) }
```

# Background

The CSS property to change the background color of an element to YUV 100.9060, -40.3797, 118.4774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 48, 19) }
```

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

```
.background{ background-color: rgb(236, 48,  
19) }
```

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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