

# Converting Colors

YUV(104.1790, -51.3602,  
93.6820)

Have a look what the booklet for  
YUV(104.1790, -51.3602, 93.6820)  
contains.

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# Color

**YUV(104.1790, -51.3602,  
93.6820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D34600
RGB	211, 70, 0
RGB Percent	83%, 27%, 0%
CMY	0.1725, 0.7255, 1.0000
CMYK	0.00, 0.67, 1.00, 0.17
HSL	20°, 100%, 41%
HSV	20°, 100%, 83%
XYZ	29.0541, 18.2292, 1.9873
YIQ	104.1790, 106.5060, 8.1220

# Conversions

## Conversions Part 2

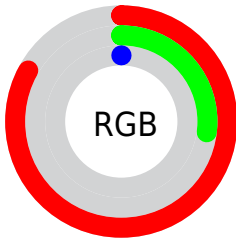
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">211, 105, 0</a>
Decimal	<a href="#">13846016</a>
CIELab	<a href="#">49.77, 53.31, 60.74</a>
CIElCh	<a href="#">50, 80.821, 48.728</a>
Yxy	<a href="#">18.2292, 0.5897, 0.3700</a>
Android (android.graphics.Color)	<a href="#">4292036096</a> (0xFFD34600)
YUV	<a href="#">104.1790, -51.3602, 93.6820</a>
Hunter-Lab	<a href="#">42.6957, 46.7507, 27.1273</a>

# Details

The YUV color **104.1790, -51.3602, 93.6820** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **106.8210, 51.3602, -93.6820**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4600, -47.5548, 86.4196**, and **43.9530, -21.6688, 90.3722** is the 20% darker color. If you saturate the color by 10%, you get **104.1790, -51.3602, 93.6820**, and if you desaturate by 10%, it is **114.7910, -46.2390, 84.3753**.

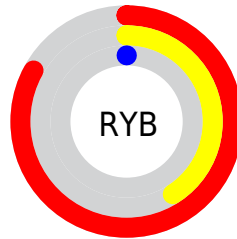
# Distribution



Red (83%)

Green (27%)

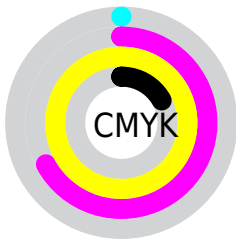
Blue (0%)



Red (83%)

Yellow (41%)

Blue (0%)

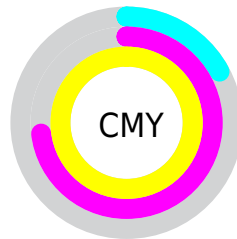


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (73%)


Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.1790, -51.3602, 93.6820 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 104.1790, -51.3602, 93.6820 by changing the saturation by 10% instead.




 104.1790,  
-51.3602, 93.6820


 104.1790,  
-51.3602, 93.6820


 254.4300, -2.1840,  
0.4999


 77.5880, -38.2509,  
88.9383


 156.4600,  
-47.5548, 86.4196


 43.9530, -21.6688,  
90.3722


 175.1590,  
-44.4484, 70.0206


 34.6840, -17.0992,  
71.3141


 195.1460,  
-41.4840, 52.4920

 25.7140, -12.6770,  
52.8708

 214.6600,  
-37.7934, 35.3782

 17.8690, -7.8234,  
36.0719

 234.7610,  
-34.3922, 17.7496


 6.2790, -3.0955,  
12.9103


 247.9320,


 0.0000, 0.0000,


-27.0815, 6.1986


0.0000


 251.1240,  
-14.8511, 3.3993

 104.1790,  
-51.3602, 93.6820

 114.7910,  
-46.2390, 84.3753

 125.4030,  
-41.1177, 75.0686

 136.0150,  
-35.9964, 65.7618

 146.6270,  
-30.8751, 56.4551

 157.9400,  
-25.6064, 46.5336

■ 168.5520,  
-20.4851, 37.2269

■ 179.1640,  
-15.3639, 27.9202

■ 189.7760,  
-10.2426, 18.6134

■ 200.3880, -5.1213,  
9.3067

# Harmonies

## Analogous

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



82.4940, -1.7225, 132.8708



104.1790, -51.3602, 93.6820



111.5570, -54.9976, 46.8695

# Triad

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



104.1790, -51.3602, 93.6820



95.2610, -3.0867, -83.5439



94.3580, 77.2245, -82.7520

# Complementary

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



104.1790, -51.3602, 93.6820



106.8210, 51.3602, -93.6820

# 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.



108.3150, 72.3157, -94.9923



104.1790, -51.3602, 93.6820



104.6430, 27.7840, -91.7719

# Square

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



104.1790, -51.3602, 93.6820



82.1800, -40.5147, -72.0719



110.4230, 55.0075, -96.8410



118.8060, 44.9586, 46.6511



# Rectangle

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



104.1790, -51.3602, 93.6820



109.2880, -53.8790, 14.6564



110.4230, 55.0075, -96.8410



100.0970, 76.3672, -87.7851

# Sweetspot

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



104.1790, -51.3602, 93.6820



216.3990, -18.4377, 33.8531



79.5050, 31.7960, 115.3211



104.5590, -11.1216, 20.5578



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.



104.1790, -51.3602, 93.6820



126.1400, -62.1870, 113.0102



164.0530, -80.8781, 41.1725



99.6370, -2.7790, 4.7034



83.1040, -40.9703, 74.4538



20.4770, -10.0952, 17.9987

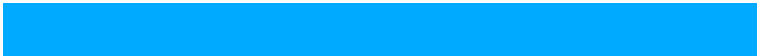


# Inverse Universe

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



106.8210, 51.3602, -93.6820



128.8600, 62.1870, -113.0102



46.9470, 80.8781, -41.1725



99.3630, 2.7790, -4.7034



84.8960, 40.9703, -74.4538



20.5230, 10.0952, -17.9987



# Previews

## White Background



This preview shows how the YUV color 104.1790, -51.3602, 93.6820 looks on a white 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



# Black Background



This preview shows how the YUV color 104.1790, -51.3602, 93.6820 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 104.1790, -51.3602, 93.6820

## Background



This preview shows how black text looks on a background with the YUV color 104.1790, -51.3602, 93.6820.



This preview shows how white text looks on a background with the YUV color 104.1790, -51.3602, 93.6820.



# 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

104.1790, -51.3602, 93.6820

### Protanopia

112.4270, -44.5805, 18.9195

### Deuteranopia

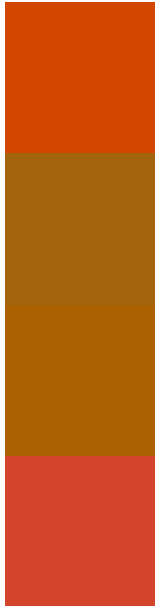
111.1810, -54.8122, 34.0443



## Tritanopia

109.2950, -20.3584, 90.0723

# Trichromacy



## Original Color

104.1790, -51.3602, 93.6820

## Protanomaly

109.3210, -46.9933, 46.1995

## Deuteranomaly

108.3670, -53.4249, 55.8061

## Tritanomaly

107.6190, -31.8572, 91.5421

# Monochromacy



## Original Color

104.1790, -51.3602, 93.6820

## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

104.2850, -18.8745, 33.9531

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.1790, -51.3602, 93.6820 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(211, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 70, 0)  
}
```

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(211, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 70, 0) }
```

## Border

The CSS property to change the border of an element to YUV 104.1790, -51.3602, 93.6820 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(211, 70, 0) }
```



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

```
.border{ border-color:rgb(211, 70, 0) }
```

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

Here you see how a box with a 4 pixel rgb(211, 70, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 70, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 70, 0);  
box-shadow:4px 4px 4px 4px rgb(211, 70, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 104.1790, -51.3602, 93.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 70, 0) }
```

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

```
.background{ background-color: rgb(211, 70,  
0) }
```

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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