

# Converting Colors

YUV(113.6650, -51.5998,  
123.9508)

Have a look what the booklet for  
YUV(113.6650, -51.5998, 123.9508)  
contains.

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# Color

**YUV(113.6650, -51.5998,  
123.9508)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3E09
RGB	255, 62, 9
RGB Percent	100%, 24%, 4%
CMY	0.0000, 0.7569, 0.9647
CMYK	0.00, 0.76, 0.96, 0.00
HSL	13°, 100%, 52%
HSV	13°, 96%, 100%
XYZ	43.0119, 24.7250, 2.7639
YIQ	113.6650, 132.0410, 24.4330

# Conversions

## Conversions Part 2

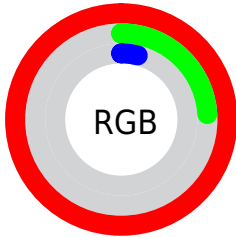
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 77, 9
Decimal	16727561
CIELab	56.81, 70.05, 66.75
CIELCh	57, 96.762, 43.618
Yxy	24.7250, 0.6101, 0.3507
Android (android.graphics.Color)	4294917641 (0xFFFF3E09)
YUV	113.6650, -51.5998, 123.9508
Hunter-Lab	49.7242, 67.3869, 31.5114

# Details

The YUV color **113.6650, -51.5998, 123.9508** 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 **150.3350, 51.5998, -123.9508**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6710, -44.2078, 86.2345**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **108.5300, -53.5053, 128.4542**, and if you desaturate by 10%, it is **128.2550, -46.4677, 111.1554**.

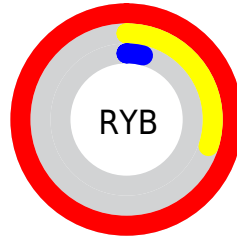
# Distribution



Red (100%)

Green (24%)

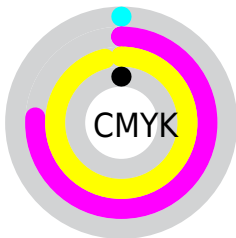
Blue (4%)



Red (100%)

Yellow (30%)

Blue (4%)

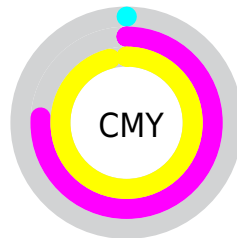


Cyan (0%)

Magenta (76%)

Yellow (96%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 113.6650, -51.5998, 123.9508 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 113.6650, -51.5998, 123.9508 by changing the saturation by 10% instead.




 113.6650,  
-51.5998, 123.9508

 113.6650,  
-51.5998, 123.9508


255.0000, 0.0000,  
0.0000


 77.2320, -38.0754,  
126.0845


 156.6710,  
-44.2078, 86.2345


 56.2120, -27.7125,  
115.5781


 176.6580,  
-41.2434, 68.7059


 46.3450, -22.8481,  
95.2904


 196.6450,  
-38.2790, 51.1773

 36.7770, -18.1311,  
75.6176

 217.3330,  
-35.1672, 33.0340

 27.7360, -12.6878,  
56.3595

 238.0210,  
-32.0554, 14.8906


 18.8800, -7.8288,  
37.8162

 248.9580,


 7.8880, -3.3958,


-23.1503, 5.2988

15.8842


 252.1500,  
-10.9200, 2.4994


 0.0000, 0.0000,  
0.0000


 113.6650,  
-51.5998, 123.9508


 113.6650,  
-51.5998, 123.9508

 108.5300,  
-53.5053, 128.4542

 128.2550,  
-46.4677, 111.1554

 142.9590,  
-40.8988, 98.2600

 157.6630,  
-35.3299, 85.3645

 172.2530,  
-30.1977, 72.5691

 186.9570,  
-24.6288, 59.6737

201.5470,  
-19.4967, 46.8783

216.2510,  
-13.9277, 33.9829

230.8410, -8.7956,  
21.1874

245.5450, -3.2267,  
8.2920

# Harmonies

## Analogous

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



87.9870, 7.4014, 146.4704



113.6650, -51.5998, 123.9508



128.2020, -63.2036, 65.5978

# Triad

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



113.6650, -51.5998, 123.9508



108.3060, -11.4899, -94.9844



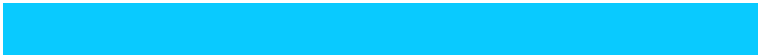
108.3150, 72.3157, -94.9923

# Complementary

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



113.6650, -51.5998, 123.9508



150.3350, 51.5998, -123.9508

# 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



113.6650, -51.5998, 123.9508



119.6260, 26.8064, -104.9120

# Square

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



113.6650, -51.5998, 123.9508



93.9200, -46.3026, -82.3678



128.0450, 61.6028, -112.2955



135.7310, 58.7996, 40.5779



# Rectangle

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



113.6650, -51.5998, 123.9508



127.3620, -62.7895, 25.9925



128.0450, 61.6028, -112.2955



114.1850, 69.4218, -100.1402

# Sweetspot

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



113.6650, -51.5998, 123.9508



212.5180, -15.5384, 37.2567



105.0120, 49.7871, 131.5395



101.7380, -9.2378, 23.0318



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.



113.6650, -51.5998, 123.9508



108.5300, -53.5053, 128.4542



183.5180, -86.0374, 62.6897



120.0610, -2.4951, 6.9625



81.1760, -40.0198, 96.3156



27.3540, -13.4855, 32.1385

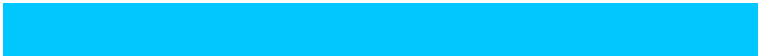


# Inverse Universe

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



150.3350, 51.5998, -123.9508



146.4700, 53.5053, -128.4542



80.4820, 86.0374, -62.6897



122.3520, 2.7845, -6.4477



109.8240, 40.0198, -96.3156



36.6460, 13.4855, -32.1385



# Previews

## White Background



This preview shows how the YUV color 113.6650, -51.5998, 123.9508 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 113.6650, -51.5998, 123.9508 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 113.6650, -51.5998, 123.9508 Background



This preview shows how black text looks on a background with the YUV color 113.6650, -51.5998, 123.9508.



This preview shows how white text looks on a background with the YUV color 113.6650, -51.5998, 123.9508.

123.9508.

# 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

113.6650, -51.5998, 123.9508

### Protanopia

129.9990, -48.8065, 21.0489

### Deuteranopia

127.7380, -62.9748, 38.8178



## Tritanopia

117.7180, -28.4550, 120.3963

# Trichromacy



## Original Color

113.6650, -51.5998, 123.9508

## Protanomaly

124.3010, -49.9414, 58.4950

## Deuteranomaly

122.3750, -58.8519, 69.8311

## Tritanomaly

116.1390, -37.0435, 121.7811

# Monochromacy



## Original Color

113.6650, -51.5998, 123.9508

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

113.7640, -18.6177, 44.9340

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.6650, -51.5998, 123.9508 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(255, 62, 9)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 9)  
}
```

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(255, 62, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 9) }
```

## Border

The CSS property to change the border of an element to YUV 113.6650, -51.5998, 123.9508 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(255, 62, 9) }
```



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

```
.border{ border-color:rgb(255, 62, 9) }
```

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

Here you see how a box with a 4 pixel rgb(255, 62, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 9);  
box-shadow:4px 4px 4px 4px rgb(255, 62, 9)  
}
```

# Background

The CSS property to change the background color of an element to YUV 113.6650, -51.5998, 123.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 9) }
```

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

```
.background{ background-color: rgb(255, 62,  
9) }
```

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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