

# Converting Colors

YUV(110.0760, -31.5895,  
99.0343)

Have a look what the booklet for  
YUV(110.0760, -31.5895, 99.0343)  
contains.

<b>YUV(110.0760, -31.5895, 99.0343)</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(110.0760, -31.5895,  
99.0343)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF412E
RGB	223, 65, 46
RGB Percent	87%, 25%, 18%
CMY	0.1255, 0.7451, 0.8196
CMYK	0.00, 0.71, 0.79, 0.13
HSL	6°, 73%, 53%
HSV	6°, 79%, 87%
XYZ	32.8149, 19.6658, 4.6511
YIQ	110.0760, 100.2670, 27.5870

# Conversions

## Conversions Part 2

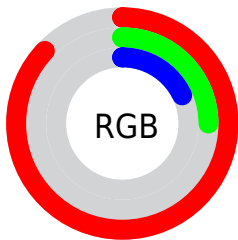
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 67, 46
Decimal	14631214
CIE Lab	51.46, 60.00, 46.39
CIE LCh	51, 75.843, 37.712
Yxy	19.6658, 0.5744, 0.3442
Android (android.graphics.Color)	4292821294 (0xFFDF412E)
YUV	110.0760, -31.5895, 99.0343
Hunter-Lab	44.3462, 54.4790, 24.8239

# Details

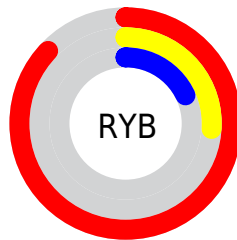
The YUV color **110.0760, -31.5895, 99.0343** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **158.9240, 31.5895, -99.0343**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5750, -31.8355, 84.5647**, and **47.5410, -23.4377, 97.7495** is the 20% darker color. If you saturate the color by 10%, you get **95.8280, -35.4112, 111.5298**, and if you desaturate by 10%, it is **124.3240, -27.7677, 86.5389**.

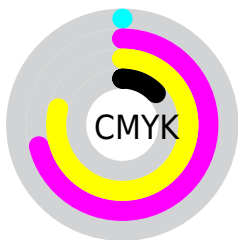
# Distribution



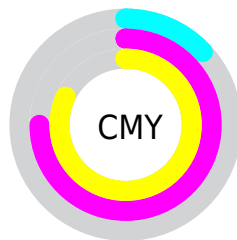
- Red (87%)
- Green (25%)
- Blue (18%)



- Red (87%)
- Yellow (26%)
- Blue (18%)



- Cyan (0%)
- Magenta (71%)
- Yellow (79%)
- Black (13%)




- Cyan (13%)
- Magenta (75%)
- Yellow (82%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 110.0760, -31.5895, 99.0343 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 110.0760, -31.5895, 99.0343 by changing the saturation by 10% instead.




 110.0760,  
-31.5895, 99.0343

 110.0760,  
-31.5895, 99.0343


255.0000, 0.0000,  
0.0000


 78.5150, -27.3689,  
98.6493


 158.5750,  
-31.8355, 84.5647


 47.5410, -23.4377,  
97.7495


 178.4480,  
-29.3079, 67.1361


 38.2720, -18.8681,  
78.6915


 197.8480,  
-26.0541, 50.1223

 29.0030, -14.2985,  
59.6334

 217.9490,  
-22.6529, 32.4937

 20.5600, -9.1501,  
41.6049

 238.1640,  
-18.8149, 14.7652

 11.1770, -5.0173,  
22.6468

 251.9220,

 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 110.0760,  
-31.5895, 99.0343

■ 110.0760,  
-31.5895, 99.0343

■ 95.8280, -35.4112,  
111.5298

■ 124.3240,  
-27.7677, 86.5389

■ 81.4660, -39.6697,  
124.1253

■ 138.6860,  
-23.5092, 73.9434


■ 80.7650, -39.8171,  
124.7401


■ 152.9340,  
-19.6875, 61.4479

■ 167.1820,  
-15.8657, 48.9524

■ 181.5440,  
-11.6072, 36.3569

■ 195.2050, -7.4961,  
24.3762

 209.4530, -3.6743,  
11.8807

 223.7010, 0.1474,  
-0.6148

 238.0630, 4.4059,  
-13.2103

# Harmonies

## Analogous

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



101.1760, 3.8572, 116.4866



110.0760, -31.5895, 99.0343



115.2000, -56.7936, 62.9686

# Triad

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



110.0760, -31.5895, 99.0343



94.2690, -11.9646, -82.6739



102.8040, 74.0466, -90.1591

# Complementary

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



110.0760, -31.5895, 99.0343



158.9240, 31.5895, -99.0343

# 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.



111.6430, 64.7590, -97.9109



110.0760, -31.5895, 99.0343



103.7820, 16.8695, -91.0168

# Square

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



110.0760, -31.5895, 99.0343



100.1200, -49.3592, -35.1852



110.3770, 44.6771, -96.8006



124.6880, 50.4398, 15.1826



# Rectangle

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



110.0760, -31.5895, 99.0343



115.0130, -56.7014, 33.3146



110.3770, 44.6771, -96.8006



107.0270, 72.4577, -93.8627

# Sweetspot

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



110.0760, -31.5895, 99.0343



215.7610, -10.7282, 34.4126



117.0490, 43.3598, 92.9190



103.8240, -6.3222, 21.2024



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.



110.0760, -31.5895, 99.0343



100.6200, -43.1967, 135.3913



161.1450, -56.7665, 54.2468



104.8760, -1.9109, 6.2477



63.7770, -31.4421, 98.4196



17.2870, -8.5225, 26.9353

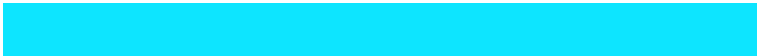


# Inverse Universe

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



158.9240, 31.5895, -99.0343



167.3800, 43.1967, -135.3913



107.8550, 56.7665, -54.2468



108.1240, 1.9109, -6.2477



112.2230, 31.4421, -98.4196



30.7130, 8.5225, -26.9353



# Previews

## White Background



This preview shows how the YUV color 110.0760, -31.5895, 99.0343 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 110.0760, -31.5895, 99.0343 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 110.0760, -31.5895, 99.0343

## Background



This preview shows how black text looks on a background with the YUV color 110.0760, -31.5895, 99.0343.



This preview shows how white text looks on a background with the YUV color 110.0760, -31.5895,



# 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

110.0760, -31.5895, 99.0343

### Protanopia

120.0470, -28.1242, 13.9908

### Deuteranopia

118.7860, -42.2925, 31.7597



## Tritanopia

111.3670, -22.8589, 98.7791

# Trichromacy



## Original Color

110.0760, -31.5895, 99.0343

## Protanomaly

116.6040, -29.3848, 45.0743

## Deuteranomaly

115.6780, -38.2953, 56.4104

## Tritanomaly

111.1560, -26.2059, 98.9642

# Monochromacy



## Original Color

110.0760, -31.5895, 99.0343

## Achromatopsia

110.0000, 0.0000, 0.0000

## Achromatomaly

110.2450, -11.4598, 35.7421

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.0760, -31.5895, 99.0343 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(223, 65, 46)` looks like.

```
.text, #text, p{  
    color:rgb(223, 65, 46)  
}
```

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(223, 65, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 65, 46) }
```

## Border

The CSS property to change the border of an element to YUV 110.0760, -31.5895, 99.0343 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(223, 65, 46) }
```



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

```
.border{ border-color:rgb(223, 65, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 65, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 65, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 65, 46);  
box-shadow:4px 4px 4px 4px rgb(223, 65,  
46) }
```

# Background

The CSS property to change the background color of an element to YUV 110.0760, -31.5895, 99.0343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 65, 46) }
```

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

```
.background{ background-color: rgb(223, 65,  
46) }
```

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