

# Converting Colors

YUV(98.5540, -29.8531,  
102.1231)

Have a look what the booklet for  
YUV(98.5540, -29.8531, 102.1231)  
contains.

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# Color

**YUV(98.5540, -29.8531,  
102.1231)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D73326
RGB	215, 51, 38
RGB Percent	84%, 20%, 15%
CMY	0.1569, 0.8000, 0.8510
CMYK	0.00, 0.76, 0.82, 0.16
HSL	4°, 70%, 50%
HSV	4°, 82%, 84%
XYZ	29.5580, 16.9547, 3.5484
YIQ	98.5540, 101.9170, 30.7250

# Conversions

## Conversions Part 2

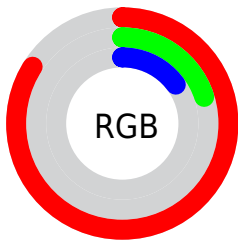
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">215, 52, 38</a>
Decimal	<a href="#">14103334</a>
CIELab	<a href="#">48.20, 62.02, 46.81</a>
CIElCh	<a href="#">48, 77.700, 37.046</a>
Yxy	<a href="#">16.9547, 0.5904, 0.3387</a>
Android (android.graphics.Color)	<a href="#">4292293414 (0xFFD73326)</a>
YUV	<a href="#">98.5540, -29.8531, 102.1231</a>
Hunter-Lab	<a href="#">41.1760, 56.0772, 23.7138</a>

# Details

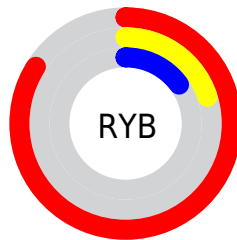
The YUV color **98.5540, -29.8531, 102.1231** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **154.4460, 29.8531, -102.1231**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5050, -32.2940, 91.6421**, and **45.1490, -22.2585, 92.8313** is the 20% darker color. If you saturate the color by 10%, you get **84.4200, -33.2381, 114.5187**, and if you desaturate by 10%, it is **112.8020, -26.0314, 89.6276**.

# Distribution



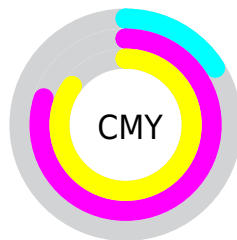
- Red (84%)
- Green (20%)
- Blue (15%)



- Red (84%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (76%)
- Yellow (82%)
- Black (16%)



- Cyan (16%)
- Magenta (80%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 98.5540, -29.8531, 102.1231 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 98.5540, -29.8531, 102.1231 by changing the saturation by 10% instead.



■ 98.5540, -29.8531,  
102.1231

■ 98.5540, -29.8531,  
102.1231

255.0000, 0.0000,  
0.0000

■ 59.3620, -21.8705,  
108.4305

■ 150.5050,  
-32.2940, 91.6421

■ 45.1490, -22.2585,  
92.8313

■ 170.3780,  
-29.7664, 74.2135

■ 35.8800, -17.6888,  
73.7732

■ 189.7780,  
-26.5126, 57.1997

■ 26.6110, -13.1192,  
54.7152

■ 209.8790,  
-23.1113, 39.5711

■ 18.5810, -7.6814,  
37.2015

■ 230.5670,  
-19.9995, 21.4277

■ 6.9910, -2.9536,  
14.0399

■ 250.7820,

■ 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.0880, -3.4944,  
0.7998

98.5540, -29.8531,  
102.1231

98.5540, -29.8531,  
102.1231

84.4200, -33.2381,  
114.5187

112.8020,  
-26.0314, 89.6276

73.6770, -36.3228,  
123.9403

126.9360,  
-22.6464, 77.2321

141.1840,  
-18.8247, 64.7366

155.3180,  
-15.4398, 52.3411

169.5660,  
-11.6180, 39.8456

■ 183.7000, -8.2331,  
27.4501

■ 197.3610, -4.1220,  
15.4694

■ 211.4950, -0.7370,  
3.0739

■ 225.7430, 3.0847,  
-9.4216

# Harmonies

## Analogous

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



79.2020, 11.2394, 128.7418



98.5540, -29.8531, 102.1231



106.9380, -52.7204, 63.1984

# Triad

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



98.5540, -29.8531, 102.1231



88.3190, -14.4543, -77.4558



97.4240, 73.7410, -85.4408

# Complementary

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



98.5540, -29.8531, 102.1231



154.4460, 29.8531, -102.1231

# 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.



106.1490, 64.0165, -93.0927



98.5540, -29.8531, 102.1231



98.0600, 15.2534, -85.9986

# Square

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



98.5540, -29.8531, 102.1231



92.1350, -45.4226, -37.8294



104.7690, 43.4979, -91.8824



115.7200, 51.9030, 12.5236



# Rectangle

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



98.5540, -29.8531, 102.1231



107.9250, -53.2070, 32.5148



104.7690, 43.4979, -91.8824



101.5330, 71.7152, -89.0444

# Sweetspot

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



98.5540, -29.8531, 102.1231



213.0710, -10.8810, 36.7717



109.7330, 45.9806, 92.3192



102.4220, -6.6170, 22.4319



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.



98.5540, -29.8531, 102.1231



88.9140, -42.3556, 145.6574



149.6230, -55.0301, 57.3356



99.8760, -1.9109, 6.2477



58.7600, -28.9687, 98.4345



14.6180, -7.2067, 24.8910



# Inverse Universe

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



154.4460, 29.8531, -102.1231



168.4990, 42.6450, -145.1426



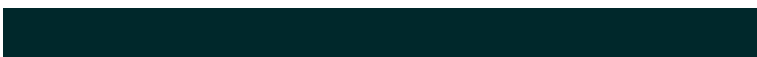
103.3770, 55.0301, -57.3356



103.1240, 1.9109, -6.2477



112.2400, 28.9687, -98.4345



28.3820, 7.2067, -24.8910



# Previews

## White Background



This preview shows how the YUV color 98.5540, -29.8531, 102.1231 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



## 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 98.5540, -29.8531, 102.1231 Background



This preview shows how black text looks on a background with the YUV color 98.5540, -29.8531, 102.1231.



This preview shows how white text looks on a background with the YUV color 98.5540, -29.8531,



# 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

98.5540, -29.8531, 102.1231

### Protanopia

112.0470, -28.1242, 13.9908

### Deuteranopia

109.6180, -44.1817, 31.0300



## Tritanopia

98.7480, -24.0328, 101.9530

# Trichromacy



## Original Color

98.5540, -29.8531, 102.1231

## Protanomaly

107.4300, -28.8060, 46.1039

## Deuteranomaly

105.5640, -38.7321, 56.5104

## Tritanomaly

98.8790, -26.0693, 101.8381

# Monochromacy



## Original Color

98.5540, -29.8531, 102.1231

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

99.0710, -10.8810, 36.7717

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.5540, -29.8531, 102.1231 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(215, 51, 38)` looks like.

```
.text, #text, p{  
    color:rgb(215, 51, 38)  
}
```

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(215, 51, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 51, 38) }
```

## Border

The CSS property to change the border of an element to YUV 98.5540, -29.8531, 102.1231 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(215, 51, 38) }
```



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

```
.border{ border-color:rgb(215, 51, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 51, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 51, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 51, 38);  
box-shadow:4px 4px 4px 4px rgb(215, 51,  
38) }
```

# Background

The CSS property to change the background color of an element to YUV 98.5540, -29.8531, 102.1231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 51, 38) }
```

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

```
.background{ background-color: rgb(215, 51,  
38) }
```

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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