

# Converting Colors

YUV(75.7340, -29.4489,  
112.4893)

Have a look what the booklet for  
YUV(75.7340, -29.4489, 112.4893)  
contains.

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# Color

**YUV(75.7340, -29.4489,  
112.4893)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC1610
RGB	204, 22, 16
RGB Percent	80%, 9%, 6%
CMY	0.2000, 0.9137, 0.9373
CMYK	0.00, 0.89, 0.92, 0.20
HSL	2°, 85%, 43%
HSV	2°, 92%, 80%
XYZ	25.2823, 13.4486, 1.7535
YIQ	75.7340, 110.3980, 36.7180

# Conversions

## Conversions Part 2

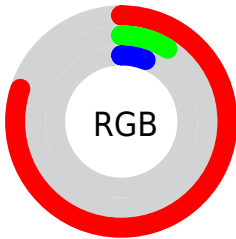
Format	Color
<a href="#">RYB</a>	<a href="#">204, 22, 16</a>
Decimal	<a href="#">13374992</a>
CIELab	<a href="#">43.43, 65.39, 51.96</a>
CIElCh	<a href="#">43, 83.522, 38.472</a>
Yxy	<a href="#">13.4486, 0.6245, 0.3322</a>
Android (android.graphics.Color)	<a href="#">4291565072</a> (0xFFCC1610)
YUV	<a href="#">75.7340, -29.4489, 112.4893</a>
Hunter-Lab	<a href="#">36.6723, 58.8831, 22.8356</a>

# Details

The YUV color **75.7340, -29.4489, 112.4893** 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 **144.2660, 29.4489, -112.4893**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5450, -36.2577, 103.0080**, and **41.8600, -20.6370, 86.0688** is the 20% darker color. If you saturate the color by 10%, you get **65.1050, -32.0968, 121.8109**, and if you desaturate by 10%, it is **89.7540, -26.5007, 100.1937**.

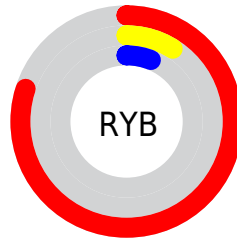
# Distribution



Red (80%)

Green (9%)

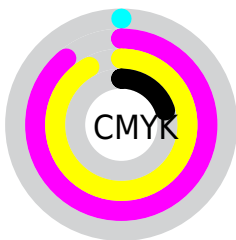
Blue (6%)



Red (80%)

Yellow (9%)

Blue (6%)

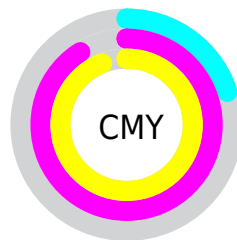


Cyan (0%)

Magenta (89%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (91%)


Yellow (94%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 75.7340, -29.4489, 112.4893 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 75.7340, -29.4489, 112.4893 by changing the saturation by 10% instead.




 75.7340, -29.4489,  
112.4893


 75.7340, -29.4489,  
112.4893


254.5440, -1.7472,  
0.3999


 51.4280, -25.3540,  
105.7416


 137.5450,  
-36.2577, 103.0080


 41.8600, -20.6370,  
86.0688


 157.4180,  
-33.7301, 85.5794


 32.2920, -15.9200,  
66.3959

 177.2910,  
-31.2025, 68.1508

 23.5500, -10.6242,  
47.7527

 196.6910,  
-27.9487, 51.1370


 14.5800, -6.2019,  
29.3093


 217.3790,  
-24.8368, 32.9936


 0.0000, 0.0000,  
0.0000


 237.4800,


-21.4356, 15.3650


 251.2380,  
-14.4143, 3.2993


 75.7340, -29.4489,  
112.4893


 75.7340, -29.4489,  
112.4893


 65.1050, -32.0968,  
121.8109

 89.7540, -26.5007,  
100.1937

 103.3010,  
-22.8264, 88.3130

 117.3210,  
-19.8783, 76.0175

 131.4550,  
-16.4933, 63.6220

 145.4750,  
-13.5452, 51.3264

■ 158.9080,  
-10.3076, 39.5457

■ 173.0420, -6.9227,  
27.1502

■ 187.0620, -3.9746,  
14.8546

■ 201.1960, -0.5896,  
2.4591

# Harmonies

## Analogous

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



75.1000, 5.8667, 125.3233



75.7340, -29.4489, 112.4893



95.7080, -47.1840, 60.7691

# Triad

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



75.7340, -29.4489, 112.4893



79.9070, -16.2232, -70.0784



89.9240, 75.4665, -78.8633

# Complementary

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



75.7340, -29.4489, 112.4893



144.2660, 29.4489, -112.4893

# 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.



99.3500, 65.8894, -87.1299



75.7340, -29.4489, 112.4893



90.1040, 15.2317, -79.0212

# Square

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



75.7340, -29.4489, 112.4893



71.0270, -35.0163, -62.2907



97.7420, 44.4972, -85.7197



102.4370, 54.5076, 17.1568



# Rectangle

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



75.7340, -29.4489, 112.4893



96.6840, -47.6652, 28.3411



97.7420, 44.4972, -85.7197



94.7340, 73.5881, -83.0817

# Sweetspot

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



75.7340, -29.4489, 112.4893



206.4030, -11.0447, 42.6196



93.3020, 53.0951, 97.0821



98.3300, -7.0647, 26.0206



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.



75.7340, -29.4489, 112.4893



80.9410, -39.9039, 152.6497



129.1510, -55.7834, 65.6426



94.9900, -1.4741, 6.1478



52.5690, -25.9165, 99.4790



11.9490, -5.8909, 22.8467



# Inverse Universe

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



144.2660, 29.4489, -112.4893



174.0590, 39.9039, -152.6497



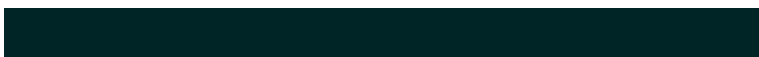
90.8490, 55.7834, -65.6426



99.0100, 1.4741, -6.1478



112.8440, 26.2059, -98.9642



26.0510, 5.8909, -22.8467



# Previews

## White Background



This preview shows how the YUV color 75.7340, -29.4489, 112.4893 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 75.7340, -29.4489, 112.4893

## Background



This preview shows how black text looks on a background with the YUV color 75.7340, -29.4489, 112.4893.



This preview shows how white text looks on a background with the YUV color 75.7340, -29.4489,



# 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

75.7340, -29.4489, 112.4893

### Protanopia

99.7930, -32.9289, 15.0905

### Deuteranopia

97.2820, -47.9600, 29.5707



## Tritanopia

75.6200, -29.8857, 112.5893

# Trichromacy



## Original Color

75.7340, -29.4489, 112.4893

## Protanomaly

91.0670, -31.5850, 50.8072

## Deuteranomaly

89.6030, -41.2163, 59.9842

## Tritanomaly

75.6200, -29.8857, 112.5893

# Monochromacy



## Original Color

75.7340, -29.4489, 112.4893

## Achromatopsia

76.0000, 0.0000, 0.0000

## Achromatomaly

75.8050, -10.7499, 41.3900

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.7340, -29.4489, 112.4893 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(204, 22, 16)` looks like.

```
.text, #text, p{  
    color:rgb(204, 22, 16)  
}
```

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(204, 22, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 22, 16) }
```

## Border

The CSS property to change the border of an element to YUV 75.7340, -29.4489, 112.4893 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(204, 22, 16) }
```



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

```
.border{ border-color:rgb(204, 22, 16) }
```

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

Here you see how a box with a 4 pixel rgb(204, 22, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 22, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 22, 16);  
box-shadow:4px 4px 4px 4px rgb(204, 22,  
16) }
```

# Background

The CSS property to change the background color of an element to YUV 75.7340, -29.4489, 112.4893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 22, 16) }
```

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

```
.background{ background-color: rgb(204, 22,  
16) }
```

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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