

# Converting Colors

YUV(73.4410, -28.3184,  
123.2702)

Have a look what the booklet for  
YUV(73.4410, -28.3184, 123.2702)  
contains.

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# Color

**YUV(73.4410, -28.3184,  
123.2702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D60D10
RGB	214, 13, 16
RGB Percent	84%, 5%, 6%
CMY	0.1608, 0.9490, 0.9373
CMYK	0.00, 0.94, 0.93, 0.16
HSL	359°, 89%, 45%
HSV	359°, 94%, 84%
XYZ	27.9690, 14.6214, 1.8383
YIQ	73.4410, 118.8330, 43.5450

# Conversions

## Conversions Part 2

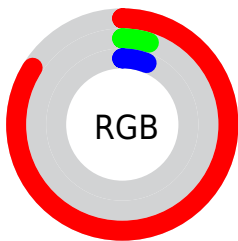
Format	Color
<a href="#">RYB</a>	<a href="#">214, 13, 16</a>
Decimal	<a href="#">14028048</a>
CIELab	<a href="#">45.11, 69.16, 54.06</a>
CIElCh	<a href="#">45, 87.779, 38.012</a>
Yxy	<a href="#">14.6214, 0.6295, 0.3291</a>
Android (android.graphics.Color)	<a href="#">4292218128</a> ( <a href="#">0xFFD60D10</a> )
YUV	<a href="#">73.4410, -28.3184, 123.2702</a>
Hunter-Lab	<a href="#">38.2379, 63.6468, 23.9162</a>

# Details

The YUV color **73.4410, -28.3184, 123.2702** 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 **153.5590, 28.3184, -123.2702**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.0720, -35.5315, 103.4229**, and **44.5510, -21.9636, 91.6018** is the 20% darker color. If you saturate the color by 10%, you get **64.3280, -30.2347, 131.2623**, and if you desaturate by 10%, it is **88.1620, -25.2229, 110.3599**.

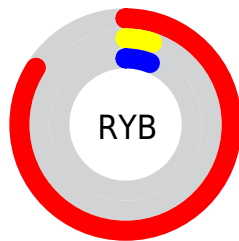
# Distribution



Red (84%)

Green (5%)

Blue (6%)



Red (84%)

Yellow (5%)

Blue (6%)

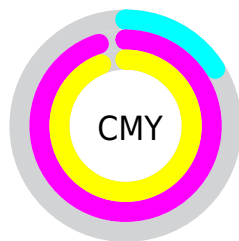


Cyan (0%)

Magenta (94%)

Yellow (93%)

Black (16%)



Cyan (16%)

Magenta (95%)


Yellow (94%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 73.4410, -28.3184, 123.2702 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 73.4410, -28.3184, 123.2702 by changing the saturation by 10% instead.





 73.4410, -28.3184,  
123.2702

 73.4410, -28.3184,  
123.2702


254.6580, -1.3104,  
0.2999


 54.1190, -26.6807,  
111.2746


 137.0720,  
-35.5315, 103.4229


 44.5510, -21.9636,  
91.6018


 156.8310,  
-33.4407, 86.0942


 34.9830, -17.2466,  
71.9289


 177.2910,  
-31.2025, 68.1508

 25.9420, -11.8034,  
52.6709

 197.3920,  
-27.8013, 50.5222

 16.9720, -7.3812,  
34.2276

 217.3790,  
-24.8368, 32.9936


 3.8870, -1.9163,  
7.9921


 238.1810,


 0.0000, 0.0000,


-21.2882, 14.7503


0.0000

 251.3520,  
-13.9775, 3.1993


 73.4410, -28.3184,  
123.2702


 73.4410, -28.3184,  
123.2702


 64.3280, -30.2347,  
131.2623

 88.1620, -25.2229,  
110.3599

 103.4700,  
-22.4167, 96.9348

 118.1910,  
-19.3212, 84.0245

 133.4990,  
-16.5150, 70.5994

 148.2200,  
-13.4195, 57.6891

■ 162.9410,  
-10.3239, 44.7787

■ 178.3630, -7.0810,  
31.2536

■ 193.0840, -3.9854,  
18.3433

■ 208.3920, -1.1793,  
4.9182

# Harmonies

## Analogous

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



78.8450, 5.9924, 131.6859



73.4410, -28.3184, 123.2702



99.2740, -48.9421, 64.6577

# Triad

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



73.4410, -28.3184, 123.2702



82.7280, -18.1069, -72.5525



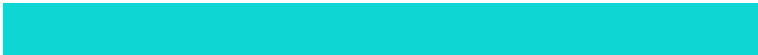
94.2270, 79.2611, -82.6371

# Complementary

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



73.4410, -28.3184, 123.2702



153.5590, 28.3184, -123.2702

# 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.



103.6530, 69.6841, -90.9037



73.4410, -28.3184, 123.2702



93.4950, 15.5320, -81.9951

# Square

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



73.4410, -28.3184, 123.2702



73.9620, -36.4633, -64.8647



101.7030, 46.9814, -89.1935



106.0500, 58.1493, 15.7422



# Rectangle

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



73.4410, -28.3184, 123.2702



100.8260, -49.7072, 29.9706



101.7030, 46.9814, -89.1935



98.9230, 76.9460, -86.7555

# Sweetspot

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



73.4410, -28.3184, 123.2702



205.3430, -10.0291, 43.5492



95.1160, 58.6098, 101.6303



97.2700, -6.0491, 26.9502



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.



73.4410, -28.3184, 123.2702



76.7010, -35.8416, 156.3682



130.0380, -57.6997, 73.6347



99.4030, -1.1847, 6.6626



51.4710, -23.8962, 104.8269



12.9710, -5.9017, 26.3354



# Inverse Universe

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



73.4410, -28.3184, 123.2702



76.7010, -35.8416, 156.3682



96.9620, 57.6997, -73.6347



99.4030, -1.1847, 6.6626



51.4710, -23.8962, 104.8269



12.9710, -5.9017, 26.3354



# Previews

## White Background



This preview shows how the YUV color 73.4410, -28.3184, 123.2702 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 73.4410, -28.3184, 123.2702

## Background



This preview shows how black text looks on a background with the YUV color 73.4410, -28.3184, 123.2702.



This preview shows how white text looks on a background with the YUV color 73.4410, -28.3184,



# 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

73.4410, -28.3184, 123.2702

### Protanopia

104.1520, -34.0919, 14.7757

### Deuteranopia

101.4240, -50.0020, 31.2002



**Tritanopia**

74.8400, -36.8961, 121.1663

# Trichromacy



## Original Color

73.4410, -28.3184, 123.2702

## Protanomaly

92.9750, -32.0327, 54.3959

## Deuteranomaly

91.1090, -41.9587, 64.8024

## Tritanomaly

74.3500, -33.6965, 121.5961

# Monochromacy



## Original Color

73.4410, -28.3184, 123.2702

## Achromatopsia

73.0000, 0.0000, 0.0000

## Achromatomaly

72.9410, -10.3239, 44.7787

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.4410, -28.3184, 123.2702 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(214, 13, 16)` looks like.

```
.text, #text, p{  
    color:rgb(214, 13, 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(214, 13, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 13, 16) }
```

## Border

The CSS property to change the border of an element to YUV 73.4410, -28.3184, 123.2702 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(214, 13, 16) }
```



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

```
.border{ border-color:rgb(214, 13, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 13, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 13, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 13, 16);  
box-shadow:4px 4px 4px 4px rgb(214, 13,  
16) }
```

# Background

The CSS property to change the background color of an element to YUV 73.4410, -28.3184, 123.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 13, 16) }
```

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

```
.background{ background-color: rgb(214, 13,  
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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