

Converting Colors

YUV(74.8040, -28.9904,
105.4119)

Have a look what the booklet for
YUV(74.8040, -28.9904, 105.4119)
contains.

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Color

**YUV(74.8040, -28.9904,
105.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	C31910
RGB	195, 25, 16
RGB Percent	76%, 10%, 6%
CMY	0.2353, 0.9020, 0.9373
CMYK	0.00, 0.87, 0.92, 0.24
HSL	3°, 85%, 41%
HSV	3°, 92%, 76%
XYZ	22.9468, 12.3348, 1.6616
YIQ	74.8040, 104.2090, 33.2410

Conversions

Conversions Part 2

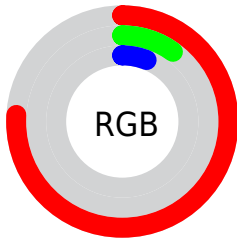
Format	Color
RYB	195, 25, 16
Decimal	12785936
CIELab	41.74, 62.44, 49.95
CIELCh	42, 79.963, 38.656
Yxy	12.3348, 0.6211, 0.3339
Android (android.graphics.Color)	4290976016 (0xFFC31910)
YUV	74.8040, -28.9904, 105.4119
Hunter-Lab	35.1209, 55.1644, 21.7795

Details

The YUV color **74.8040, -28.9904, 105.4119** 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 **136.1960, 28.9904, -105.4119**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9580, -35.9683, 103.5228**, and **39.1690, -19.3103, 80.5358** is the 20% darker color. If you saturate the color by 10%, you get **64.1750, -31.6383, 114.7335**, and if you desaturate by 10%, it is **88.2370, -25.7528, 93.6312**.

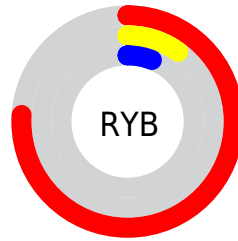
Distribution



Red (76%)

Green (10%)

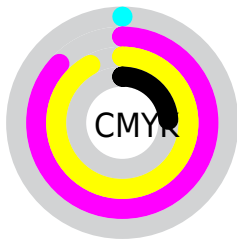
Blue (6%)



Red (76%)

Yellow (10%)

Blue (6%)

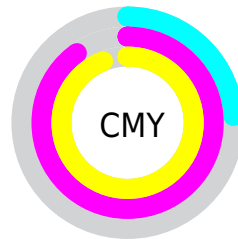


Cyan (0%)

Magenta (87%)

Yellow (92%)

Black (24%)



Cyan (24%)


Magenta (90%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.8040, -28.9904, 105.4119 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 74.8040, -28.9904, 105.4119 by changing the saturation by 10% instead.


 74.8040, -28.9904,
105.4119


 74.8040, -28.9904,
105.4119


 254.4300, -2.1840,
0.4999

 48.7370, -24.0273,
100.2087


 136.9580,
-35.9683, 103.5228


 39.1690, -19.3103,
80.5358

 156.7170,
-33.8775, 86.1942


 29.9000, -14.7407,
61.4777

 176.0030,
-31.0605, 69.2804

 21.4570, -9.5923,
43.4492

 195.9900,
-28.0961, 51.7518


 12.0740, -5.4595,
24.4911


 216.0910,
-24.6949, 34.1232


 0.0000, 0.0000,
0.0000


 236.7790,


-21.5830, 15.9798

 251.2380,
-14.4143, 3.2993


 74.8040, -28.9904,
105.4119


 74.8040, -28.9904,
105.4119

 64.1750, -31.6383,
114.7335

 88.2370, -25.7528,
93.6312

 100.9690,
-22.6627, 82.4652

 114.2880,
-19.8620, 70.7844

 127.1340,
-16.3351, 59.5185

 140.4530,
-13.5343, 47.8377

■ 153.2990,
-10.0074, 36.5718

■ 166.7320, -6.7699,
24.7910

■ 179.4640, -3.6798,
13.6251

■ 192.7830, -0.8790,
1.9443

Harmonies

Analogous

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



71.6540, 5.5936, 119.5754



74.8040, -28.9904, 105.4119



91.8540, -45.2840, 58.0100

Triad

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



74.8040, -28.9904, 105.4119



76.8580, -15.2130, -67.4045



86.2080, 71.3825, -75.6044

Complementary

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



74.8040, -28.9904, 105.4119



136.1960, 28.9904, -105.4119

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.



95.2750, 62.9684, -83.5562



74.8040, -28.9904, 105.4119



86.1260, 15.2209, -75.5325

Square

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



74.8040, -28.9904, 105.4119



69.2880, -34.1590, -57.2576



93.3080, 42.7392, -81.8311



98.6280, 51.4554, 16.1122

Rectangle

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



74.8040, -28.9904, 105.4119



92.5420, -45.6232, 26.7117



93.3080, 42.7392, -81.8311



90.5450, 70.2303, -79.4080

Sweetspot

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



74.8040, -28.9904, 105.4119



204.6910, -11.1867, 41.4900



88.9010, 47.8698, 93.0488



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.



74.8040, -28.9904, 105.4119



82.9790, -40.9086, 148.2314



127.0470, -54.7462, 59.5948



90.5770, -1.7635, 5.6330



52.8350, -26.0477, 94.8607



11.0410, -5.4432, 19.2580

Inverse Universe

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



136.1960, 28.9904, -105.4119



169.6080, 40.6193, -148.7462



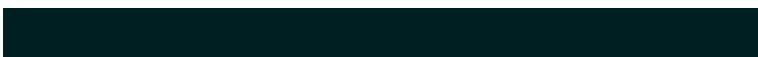
83.9530, 54.7462, -59.5948



93.4230, 1.7635, -5.6330



108.1650, 26.0477, -94.8607



21.9590, 5.4432, -19.2580

Previews

White Background



This preview shows how the YUV color 74.8040, -28.9904, 105.4119 looks on a white background.

Color Contrast Check

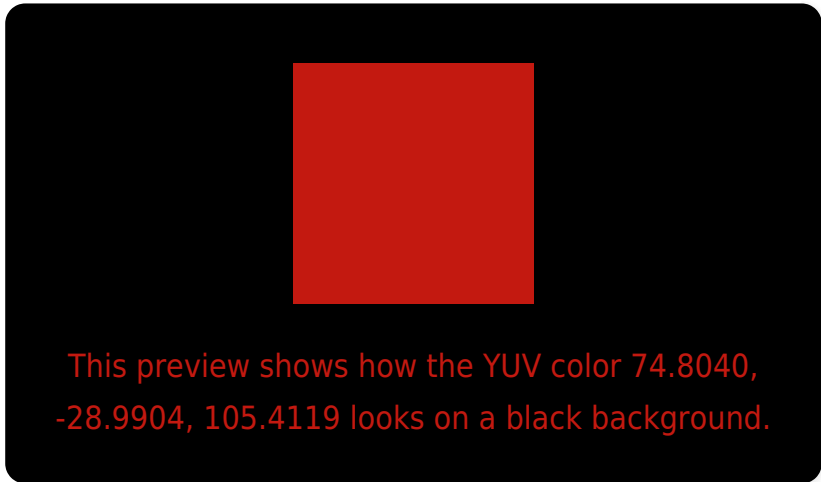
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.8040, -28.9904, 105.4119

Background



This preview shows how black text looks on a background with the YUV color 74.8040, -28.9904, 105.4119.



This preview shows how white text looks on a background with the YUV color 74.8040, -28.9904,

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

74.8040, -28.9904, 105.4119

Protanopia

95.8360, -31.4711, 14.1758

Deuteranopia

93.4390, -46.0654, 28.5560



Tritanopia

75.2600, -27.2432, 105.0120

Trichromacy



Original Color

74.8040, -28.9904, 105.4119

Protanomaly

88.2730, -30.7006, 47.1186

Deuteranomaly

86.9230, -39.8950, 56.1955

Tritanomaly

75.1460, -27.6800, 105.1120

Monochromacy



Original Color

74.8040, -28.9904, 105.4119

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1960, -10.4496, 38.4161

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8040, -28.9904, 105.4119 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(195, 25, 16)` looks like.

```
.text, #text, p{  
    color:rgb(195, 25, 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(195, 25, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 25, 16) }
```

Border

The CSS property to change the border of an element to YUV 74.8040, -28.9904, 105.4119 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(195, 25, 16) }
```


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

```
.border{ border-color:rgb(195, 25, 16) }
```

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

Here you see how a box with a 4 pixel rgb(195, 25, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 25, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 25, 16);  
box-shadow:4px 4px 4px 4px rgb(195, 25,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 74.8040, -28.9904, 105.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 25, 16) }
```

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

```
.background{ background-color: rgb(195, 25,  
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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