

Converting Colors

YUV(74.3160, -18.8898,
85.6689)

Have a look what the booklet for
YUV(74.3160, -18.8898, 85.6689)
contains.

YUV(74.3160, -18.8898, 85.6689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(74.3160, -18.8898,
85.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	AC2024
RGB	172, 32, 36
RGB Percent	67%, 13%, 14%
CMY	0.3255, 0.8745, 0.8588
CMYK	0.00, 0.81, 0.79, 0.33
HSL	358°, 69%, 40%
HSV	358°, 81%, 67%
XYZ	17.8482, 9.9311, 2.6452
YIQ	74.3160, 82.1560, 30.9240

Conversions

Conversions Part 2

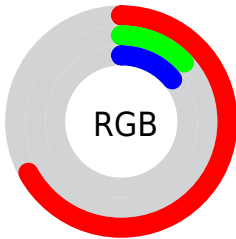
Format	Color
RYB	172, 32, 36
Decimal	11280420
CIELab	37.72, 54.78, 34.69
CIElCh	38, 64.840, 32.348
Yxy	9.9311, 0.5866, 0.3264
Android (android.graphics.Color)	4289470500 (0xFFAC2024)
YUV	74.3160, -18.8898, 85.6689
Hunter-Lab	31.5136, 45.9475, 17.0827

Details

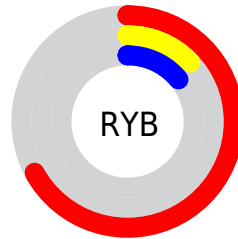
The YUV color **74.3160, -18.8898, 85.6689** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **129.6840, 18.8898, -85.6689**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6170, -25.4472, 88.9129**, and **33.1890, -16.3622, 68.2402** is the 20% darker color. If you saturate the color by 10%, you get **62.3990, -21.3957, 96.1201**, and if you desaturate by 10%, it is **86.2330, -16.3839, 75.2177**.

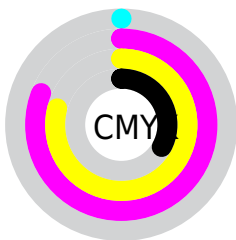
Distribution



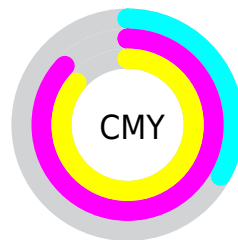
- Red (67%)
- Green (13%)
- Blue (14%)



- Red (67%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (81%)
- Yellow (79%)
- Black (33%)





- Cyan (33%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.3160, -18.8898, 85.6689 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 74.3160, -18.8898, 85.6689 by changing the saturation by 10% instead.


 74.3160, -18.8898,
85.6689

 74.3160, -18.8898,
85.6689


255.0000, 0.0000,
0.0000

 43.8690, -14.2324,
85.1839


 132.6170,
-25.4472, 88.9129

 33.1890, -16.3622,
68.2402


 158.1820,
-25.7257, 84.9094


 24.2190, -11.9400,
49.7969

 176.8810,
-22.6193, 68.5104

 16.3740, -7.0864,
32.9980

 196.8680,
-19.6549, 50.9818

 1.4950, -0.7370,
3.0739

 216.3820,
-15.9643, 33.8680

 0.0000, 0.0000,
0.0000

 236.5970,

-12.1263, 16.1394

253.2900, -6.5520,
1.4997

74.3160, -18.8898,
85.6689

74.3160, -18.8898,
85.6689

62.3990, -21.3957,
96.1201

86.2330, -16.3839,
75.2177

51.9980, -23.1700,
105.2418

98.0360, -14.3147,
64.8664

110.5400,
-12.0982, 53.9004

122.4570, -9.5923,
43.4492

134.3740, -7.0864,
32.9980

■ 146.1770, -5.0173,
22.6468

■ 158.0940, -2.5113,
12.1956

■ 170.5980, -0.2948,
1.2296

■ 182.4010, 1.7743,
-9.1217

Harmonies

Analogous

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



62.8410, 11.9104, 100.1174



74.3160, -18.8898, 85.6689



82.3960, -40.6212, 55.7807

Triad

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



74.3160, -18.8898, 85.6689



67.3860, -15.9663, -59.0975



77.9950, 57.6835, -68.4016

Complementary

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



74.3160, -18.8898, 85.6689



129.6840, 18.8898, -85.6689

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.



82.9700, 48.8218, -72.7647



74.3160, -18.8898, 85.6689



75.0580, 8.3524, -65.8259

Square

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



74.3160, -18.8898, 85.6689



74.2370, -36.5988, -21.2558



80.9860, 31.0659, -71.0247



88.6830, 44.5263, -1.4760

Rectangle

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



74.3160, -18.8898, 85.6689



84.0140, -41.4189, 31.5597



80.9860, 31.0659, -71.0247



80.8160, 55.7997, -70.8756

Sweetspot

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



74.3160, -18.8898, 85.6689



186.9610, -7.3758, 32.4832



88.3250, 41.2518, 68.9980



89.6820, -4.2802, 19.5729



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3160, -18.8898, 85.6689



70.5780, -29.3720, 134.5511



112.0150, -39.4474, 52.6068



80.6910, -1.3267, 5.5330



45.3060, -20.3639, 91.8166



6.9910, -2.9536, 14.0399

Inverse Universe

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



74.3160, -18.8898, 85.6689



70.5780, -29.3720, 134.5511



91.9850, 39.4474, -52.6068



80.6910, -1.3267, 5.5330



45.3060, -20.3639, 91.8166



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 74.3160, -18.8898, 85.6689 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 ✓ Pass

Black Background



This preview shows how the YUV color 74.3160, -18.8898, 85.6689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 74.3160, -18.8898, 85.6689

Background



This preview shows how black text looks on a background with the YUV color 74.3160, -18.8898, 85.6689.



This preview shows how white text looks on a background with the YUV color 74.3160, -18.8898,

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

74.3160, -18.8898, 85.6689

Protanopia

88.3590, -17.9250, 9.3322

Deuteranopia

87.1190, -30.6247, 22.6976



Tritanopia

74.4470, -20.9264, 85.5540

Trichromacy



Original Color

74.3160, -18.8898, 85.6689

Protanomaly

83.4210, -18.4486, 37.3418

Deuteranomaly

82.1140, -26.1852, 45.5040

Tritanomaly

74.5610, -20.4896, 85.4540

Monochromacy



Original Color

74.3160, -18.8898, 85.6689

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.3630, -7.0810, 31.2536

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.3160, -18.8898, 85.6689 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(172, 32, 36)` looks like.

```
.text, #text, p{  
    color:rgb(172, 32, 36)  
}
```

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(172, 32, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 32, 36) }
```

Border

The CSS property to change the border of an element to YUV 74.3160, -18.8898, 85.6689 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(172, 32, 36) }
```


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

```
.border{ border-color:rgb(172, 32, 36) }
```

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

Here you see how a box with a 4 pixel rgb(172, 32, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 32, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 32, 36);  
box-shadow:4px 4px 4px 4px rgb(172, 32,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 74.3160, -18.8898, 85.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 32, 36) }
```

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

```
.background{ background-color: rgb(172, 32,  
36) }
```

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