

Converting Colors

YUV(75.5180, -18.4964,
99.5237)

Have a look what the booklet for
YUV(75.5180, -18.4964, 99.5237)
contains.

YUV(75.5180, -18.4964, 99.5237)	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(75.5180, -18.4964,
99.5237)**

Conversions

Conversions Part 1

Format	Color
Hex	BD1926
RGB	189, 25, 38
RGB Percent	74%, 10%, 15%
CMY	0.2588, 0.9020, 0.8510
CMYK	0.00, 0.87, 0.80, 0.26
HSL	355°, 77%, 42%
HSV	355°, 87%, 74%
XYZ	21.6837, 11.6540, 2.9403
YIQ	75.5180, 93.5710, 38.8110

Conversions

Conversions Part 2

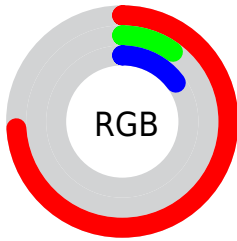
Format	Color
R _Y B	189, 25, 38
Decimal	12392742
CIE Lab	40.66, 61.29, 37.69
CIE LCh	41, 71.950, 31.588
Yxy	11.6540, 0.5977, 0.3212
Android (android.graphics.Color)	4290582822 (0xFFBD1926)
YUV	75.5180, -18.4964, 99.5237
Hunter-Lab	34.1380, 53.6381, 18.7899

Details

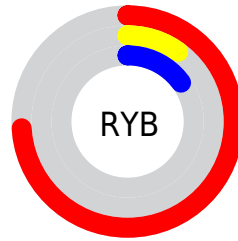
The YUV color **75.5180, -18.4964, 99.5237** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **138.4820, 18.4964, -99.5237**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0530, -26.6481, 100.8085**, and **37.9730, -18.7207, 78.0767** is the 20% darker color. If you saturate the color by 10%, you get **62.4270, -20.4235, 111.0045**, and if you desaturate by 10%, it is **88.6090, -16.5692, 88.0429**.

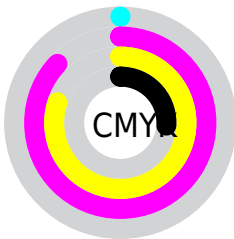
Distribution



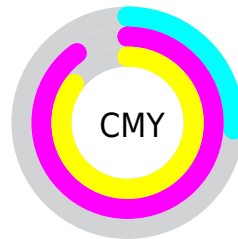
- Red (74%)
- Green (10%)
- Blue (15%)



- Red (74%)
- Yellow (10%)
- Blue (15%)



- Cyan (0%)
- Magenta (87%)
- Yellow (80%)
- Black (26%)



- Cyan (26%)
- Magenta (90%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5180, -18.4964, 99.5237 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 75.5180, -18.4964, 99.5237 by changing the saturation by 10% instead.

■ 75.5180, -18.4964,
99.5237

■ 75.5180, -18.4964,
99.5237

255.0000, 0.0000,
0.0000

■ 49.1800, -15.8647,
95.4351

■ 138.0530,
-26.6481, 100.8085

■ 37.9730, -18.7207,
78.0767

■ 158.4100,
-24.8521, 84.7094

■ 28.7040, -14.1511,
59.0186

■ 177.8100,
-21.5983, 67.6956

■ 20.6740, -8.7133,
41.5049

■ 197.7970,
-18.6339, 50.1670

■ 10.5790, -4.7224,
21.4172

■ 217.8980,
-15.2327, 32.5385

■ 0.0000, 0.0000,
0.0000

■ 238.1130,

-11.3947, 14.8099

253.6320, -5.2416,
1.1997

75.5180, -18.4964,
99.5237

75.5180, -18.4964,
99.5237

62.4270, -20.4235,
111.0045

88.6090, -16.5692,
88.0429

58.2210, -21.3080,
114.6932

101.8140,
-14.2053, 76.4621

114.9050,
-12.2782, 64.9813

128.1100, -9.9142,
53.4005

141.2010, -7.9871,
41.9197

■ 153.7050, -5.7706,
30.9537

■ 166.9100, -3.4066,
19.3729

■ 180.0010, -1.4795,
7.8921

■ 193.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



68.8360, 12.8989, 109.7688



75.5180, -18.4964, 99.5237



88.3430, -43.5531, 62.8432

Triad

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



75.5180, -18.4964, 99.5237



72.4410, -19.4444, -63.5308



85.0850, 64.5411, -74.6195

Complementary

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



75.5180, -18.4964, 99.5237



138.4820, 18.4964, -99.5237

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.



90.8920, 53.7902, -79.7123



75.5180, -18.4964, 99.5237



81.6120, 8.0793, -71.5737

Square

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



75.5180, -18.4964, 99.5237



79.5310, -39.2088, -24.1447



88.3380, 33.8504, -77.4724



94.9690, 50.7943, -5.2348

Rectangle

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



75.5180, -18.4964, 99.5237



90.8250, -44.7767, 35.2335



88.3380, 33.8504, -77.4724



88.3790, 61.9312, -77.5084

Sweetspot

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



75.5180, -18.4964, 99.5237



200.7060, -7.2501, 38.8458



88.5460, 49.5238, 75.8202



95.7040, -4.2911, 23.0616



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



75.5180, -18.4964, 99.5237



75.4210, -27.8156, 148.7208



113.9520, -43.8533, 65.8171



87.8050, -0.8899, 5.4330



48.7240, -17.6119, 95.8351



9.4970, -3.6960, 18.8581

Inverse Universe

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



75.5180, -18.4964, 99.5237



75.4210, -27.8156, 148.7208



100.0480, 43.8533, -65.8171



87.8050, -0.8899, 5.4330



48.7240, -17.6119, 95.8351



9.4970, -3.6960, 18.8581

Previews

White Background



This preview shows how the YUV color 75.5180, -18.4964, 99.5237 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



This preview shows how the YUV color 75.5180, -18.4964, 99.5237 looks on a 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 75.5180, -18.4964, 99.5237

Background



This preview shows how black text looks on a background with the YUV color 75.5180, -18.4964, 99.5237.



This preview shows how white text looks on a background with the YUV color 75.5180, -18.4964,

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

75.5180, -18.4964, 99.5237

Protanopia

95.4300, -18.9460, 10.1469

Deuteranopia

93.2180, -34.1245, 25.2418



Tritanopia

75.2100, -24.7535, 99.7938

Trichromacy



Original Color

75.5180, -18.4964, 99.5237

Protanomaly

88.3400, -18.9016, 42.6748

Deuteranomaly

86.8760, -28.5329, 51.8517

Tritanomaly

75.1930, -22.2801, 99.8087

Monochromacy



Original Color

75.5180, -18.4964, 99.5237

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.5100, -6.6604, 36.3867

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5180, -18.4964, 99.5237 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(189, 25, 38)` looks like.

```
.text, #text, p{  
    color:rgb(189, 25, 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(189, 25, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 25, 38) }
```

Border

The CSS property to change the border of an element to YUV 75.5180, -18.4964, 99.5237 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(189, 25, 38) }
```


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

```
.border{ border-color:rgb(189, 25, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 25, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 25, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 25, 38);  
box-shadow:4px 4px 4px 4px rgb(189, 25,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 75.5180, -18.4964, 99.5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 25, 38) }
```

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

```
.background{ background-color: rgb(189, 25,  
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](#).

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