

Converting Colors

YUV(92.6740, -18.5733,
77.4619)

Have a look what the booklet for
YUV(92.6740, -18.5733, 77.4619)
contains.

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Color

**YUV(92.6740, -18.5733,
77.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	B53737
RGB	181, 55, 55
RGB Percent	71%, 22%, 22%
CMY	0.2902, 0.7843, 0.7843
CMYK	0.00, 0.70, 0.70, 0.29
HSL	0°, 53%, 46%
HSV	0°, 70%, 71%
XYZ	21.1118, 12.8320, 4.9785
YIQ	92.6740, 75.0960, 26.7120

Conversions

Conversions Part 2

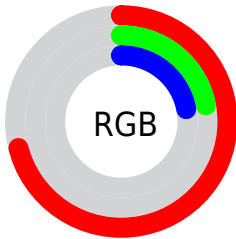
Format	Color
R_{YB}	181, 55, 55
Decimal	11876151
CIE _{Lab}	42.51, 50.61, 29.36
CIE _{LCh}	43, 58.513, 30.118
Yxy	12.8320, 0.5424, 0.3297
Android (android.graphics.Color)	4290066231 (0xFFB53737)
YUV	92.6740, -18.5733, 77.4619
Hunter-Lab	35.8217, 42.5124, 16.8351

Details

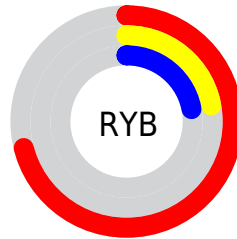
The YUV color **92.6740, -18.5733, 77.4619** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **143.3260, 18.5733, -77.4619**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8550, -23.0995, 82.5652**, and **37.5470, -12.5947, 73.1883** is the 20% darker color. If you saturate the color by 10%, you get **80.0560, -21.2266, 88.5279**, and if you desaturate by 10%, it is **105.2920, -15.9200, 66.3959**.

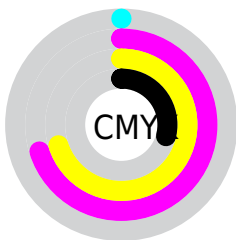
Distribution



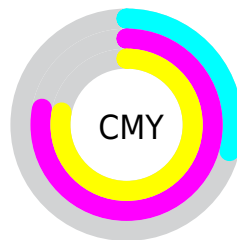
- Red (71%)
- Green (22%)
- Blue (22%)



- Red (71%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (29%)





- Cyan (29%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 92.6740, -18.5733, 77.4619 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 92.6740, -18.5733, 77.4619 by changing the saturation by 10% instead.


 92.6740, -18.5733,
77.4619


 92.6740, -18.5733,
77.4619


255.0000, 0.0000,
0.0000

 62.9990, -14.7895,
77.1769


 148.8550,
-23.0995, 82.5652


 37.5470, -12.5947,
73.1883


 171.1420,
-21.7620, 73.5435

 27.5080, -13.5614,
56.5595

 190.5420,
-18.5082, 56.5297

 18.9510, -8.8498,
38.6310

 210.0560,
-14.8176, 39.4159

 9.6820, -4.2802,
19.5729

 229.6840,
-10.6902, 22.2021

 0.0000, 0.0000,
0.0000

 250.4860, -7.1416,

3.9588

■ 92.6740, -18.5733,
77.4619

■ 92.6740, -18.5733,
77.4619

■ 80.0560, -21.2266,
88.5279

■ 105.2920,
-15.9200, 66.3959

■ 67.4380, -23.8799,
99.5939

■ 117.9100,
-13.2666, 55.3299

■ 54.8200, -26.5333,
110.6599

■ 130.5280,
-10.6133, 44.2639

■ 54.1190, -26.6807,
111.2746

■ 143.1460, -7.9600,
33.1980

■ 156.4650, -5.1592,
21.5172

■ 169.0830, -2.5059,
10.4512

■ 181.7010, 0.1474,
-0.6148

■ 194.3190, 2.8007,
-11.6808

■ 206.9370, 5.4541,
-22.7467

Harmonies

Analogous

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



92.1730, 4.8447, 79.6553



92.6740, -18.5733, 77.4619



94.1850, -43.9682, 55.9658

Triad

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



92.6740, -18.5733, 77.4619



74.8520, -12.7450, -65.6452



84.7940, 55.8106, -74.3643

Complementary

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



92.6740, -18.5733, 77.4619



143.3260, 18.5733, -77.4619

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.



89.6550, 46.5121, -78.6274



92.6740, -18.5733, 77.4619



82.9000, 7.9373, -72.7033

Square

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



92.6740, -18.5733, 77.4619



86.9840, -42.8831, -12.2640



87.8990, 29.6298, -77.0874



100.8630, 41.4795, -4.2649

Rectangle

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



92.6740, -18.5733, 77.4619



94.9560, -46.8133, 35.1186



87.8990, 29.6298, -77.0874



87.5010, 53.4900, -76.7384

Sweetspot

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



92.6740, -18.5733, 77.4619



199.9500, -7.3704, 30.7388



107.0380, 36.4633, 64.8647



96.6710, -4.2748, 17.8285



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



92.6740, -18.5733, 77.4619



96.9030, -29.0392, 121.1111



129.6550, -36.8049, 45.0296



82.6910, -1.3267, 5.5330



45.7470, -22.5533, 94.0609



7.7740, -3.8326, 15.9842

Inverse Universe

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



143.3260, 18.5733, -77.4619



176.0970, 29.0392, -121.1111



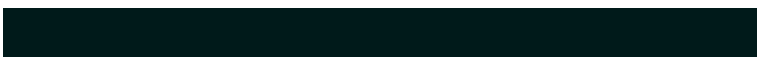
106.3450, 36.8049, -45.0296



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Previews

White Background



This preview shows how the YUV color 92.6740, -18.5733, 77.4619 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 92.6740, -18.5733, 77.4619 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 92.6740, -18.5733, 77.4619

Background



This preview shows how black text looks on a background with the YUV color 92.6740, -18.5733, 77.4619.



This preview shows how white text looks on a background with the YUV color 92.6740, -18.5733,

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

92.6740, -18.5733, 77.4619

Protanopia

100.0860, -13.8464, 7.8176

Deuteranopia

99.1990, -25.2411, 22.6275



Tritanopia

92.9020, -17.6997, 77.2619

Trichromacy



Original Color

92.6740, -18.5733, 77.4619

Protanomaly

97.1970, -15.3801, 33.1532

Deuteranomaly

96.7160, -22.5380, 42.3451

Tritanomaly

92.7880, -18.1365, 77.3619

Monochromacy



Original Color

92.6740, -18.5733, 77.4619

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7540, -6.7807, 28.2797

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.6740, -18.5733, 77.4619 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(181, 55, 55)` looks like.

```
.text, #text, p{  
    color:rgb(181, 55, 55)  
}
```

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(181, 55, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 55, 55) }
```

Border

The CSS property to change the border of an element to YUV 92.6740, -18.5733, 77.4619 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(181, 55, 55) }
```


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

```
.border{ border-color:rgb(181, 55, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 55, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 55, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 55, 55);  
box-shadow:4px 4px 4px 4px rgb(181, 55,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 92.6740, -18.5733, 77.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 55, 55) }
```

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

```
.background{ background-color: rgb(181, 55,  
55) }
```

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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