

Converting Colors

YUV(96.7770, -18.1311,
75.6176)

Have a look what the booklet for
YUV(96.7770, -18.1311, 75.6176)
contains.

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Color

**YUV(96.7770, -18.1311,
75.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	B73C3C
RGB	183, 60, 60
RGB Percent	72%, 24%, 24%
CMY	0.2824, 0.7647, 0.7647
CMYK	0.00, 0.67, 0.67, 0.28
HSL	0°, 51%, 48%
HSV	0°, 67%, 72%
XYZ	21.9599, 13.6252, 5.7475
YIQ	96.7770, 73.3080, 26.0760

Conversions

Conversions Part 2

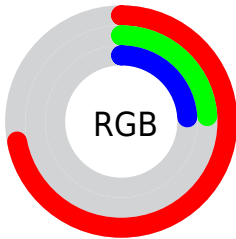
Format	Color
RYB	183, 60, 60
Decimal	12008508
CIELab	43.69, 49.52, 27.89
CIElCh	44, 56.835, 29.388
Yxy	13.6252, 0.5313, 0.3296
Android (android.graphics.Color)	4290198588 (0xFFB73C3C)
YUV	96.7770, -18.1311, 75.6176
Hunter-Lab	36.9124, 41.5965, 16.6069

Details

The YUV color **96.7770, -18.1311, 75.6176** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **146.2230, 18.1311, -75.6176**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0720, -22.2205, 80.6209**, and **38.8290, -10.2687, 73.8180** is the 20% darker color. If you saturate the color by 10%, you get **84.1590, -20.7844, 86.6836**, and if you desaturate by 10%, it is **109.3950, -15.4777, 64.5516**.

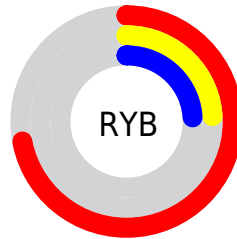
Distribution



Red (72%)

Green (24%)

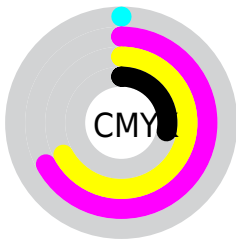
Blue (24%)



Red (72%)

Yellow (24%)

Blue (24%)

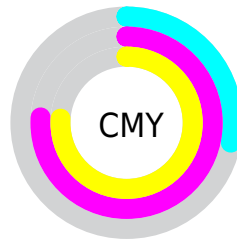


Cyan (0%)

Magenta (67%)

Yellow (67%)

Black (28%)



Cyan (28%)


Magenta (76%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.7770, -18.1311, 75.6176 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 96.7770, -18.1311, 75.6176 by changing the saturation by 10% instead.


 96.7770, -18.1311,
75.6176

 96.7770, -18.1311,
75.6176


255.0000, 0.0000,
0.0000


 68.2760, -14.9261,
74.3029


 152.0720,
-22.2205, 80.6209

 38.8290, -10.2687,
73.8180


 174.1740,
-20.2988, 70.8844


 28.1060, -13.8563,
57.7890

 193.5740,
-17.0450, 53.8706

 19.5490, -9.1447,
39.8605

 213.0880,
-13.3544, 36.7568

 10.8780, -4.8699,
22.0320

 233.3030, -9.5164,
19.0283

 0.0000, 0.0000,
0.0000

 253.5180, -5.6784,

1.2997

■ 96.7770, -18.1311,
75.6176

■ 96.7770, -18.1311,
75.6176

■ 84.1590, -20.7844,
86.6836

■ 109.3950,
-15.4777, 64.5516

■ 70.8400, -23.5851,
98.3643

■ 122.7140,
-12.6770, 52.8708

■ 58.2220, -26.2384,
109.4303

■ 135.3320,
-10.0237, 41.8048

■ 54.7170, -26.9755,
112.5042

■ 147.9500, -7.3704,
30.7388

■ 161.2690, -4.5696,
19.0581

■ 173.8870, -1.9163,
7.9921

■ 186.5050, 0.7370,
-3.0739

■ 199.1230, 3.3904,
-14.1399

■ 212.4420, 6.1911,
-25.8206

Harmonies

Analogous

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



97.0370, 4.4188, 76.2666



96.7770, -18.1311, 75.6176



97.9830, -40.9106, 55.2659

Triad

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



96.7770, -18.1311, 75.6176



76.9550, -12.3028, -67.4895



86.5550, 54.9424, -75.9087

Complementary

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



96.7770, -18.1311, 75.6176



146.2230, 18.1311, -75.6176

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.



91.4160, 45.6439, -80.1718



96.7770, -18.1311, 75.6176



84.3020, 8.2321, -73.9329

Square

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



96.7770, -18.1311, 75.6176



90.5390, -44.6357, -10.1197



89.6600, 28.7616, -78.6318



103.9230, 40.4640, -5.1945

Rectangle

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



96.7770, -18.1311, 75.6176



97.3260, -47.9817, 36.5481



89.6600, 28.7616, -78.6318



89.2620, 52.6218, -78.2828

Sweetspot

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



96.7770, -18.1311, 75.6176



204.0530, -6.9281, 28.8945



110.7990, 35.5951, 63.3203



99.6710, -4.2748, 17.8285



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



96.7770, -18.1311, 75.6176



102.4080, -28.3021, 118.0372



133.1710, -36.0733, 43.7000



85.6910, -1.3267, 5.5330



46.6440, -22.9955, 95.9052



8.3720, -4.1274, 17.2138

Inverse Universe

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



146.2230, 18.1311, -75.6176



179.5920, 28.3021, -118.0372



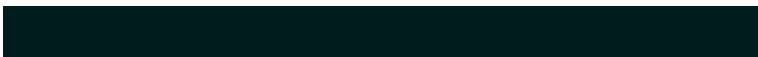
110.4160, 35.7839, -44.2148



89.3090, 1.3267, -5.5330



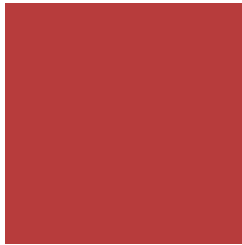
109.3560, 22.9955, -95.9052



19.6280, 4.1274, -17.2138

Previews

White Background



This preview shows how the YUV color 96.7770, -18.1311, 75.6176 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 96.7770, -18.1311, 75.6176 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 96.7770, -18.1311, 75.6176

Background



This preview shows how black text looks on a background with the YUV color 96.7770, -18.1311, 75.6176.



This preview shows how white text looks on a background with the YUV color 96.7770, -18.1311,

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

96.7770, -18.1311, 75.6176

Protanopia

103.3140, -12.9728, 7.6176

Deuteranopia

102.4270, -24.3675, 22.4275



Tritanopia

97.1190, -16.8207, 75.3176

Trichromacy



Original Color

96.7770, -18.1311, 75.6176

Protanomaly

101.0120, -14.7959, 32.4385

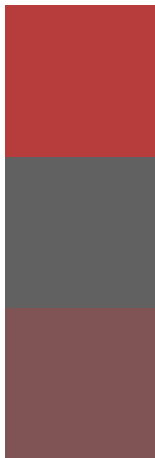
Deuteranomaly

100.5310, -21.9538, 41.6303

Tritanomaly

97.0050, -17.2575, 75.4176

Monochromacy



Original Color

96.7770, -18.1311, 75.6176

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1560, -6.4859, 27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7770, -18.1311, 75.6176 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(183, 60, 60)` looks like.

```
.text, #text, p{  
    color:rgb(183, 60, 60)  
}
```

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(183, 60, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 60, 60) }
```

Border

The CSS property to change the border of an element to YUV 96.7770, -18.1311, 75.6176 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(183, 60, 60) }
```


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

```
.border{ border-color:rgb(183, 60, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 60, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 60, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 60, 60);  
box-shadow:4px 4px 4px 4px rgb(183, 60,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 96.7770, -18.1311, 75.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 60, 60) }
```

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

```
.background{ background-color: rgb(183, 60,  
60) }
```

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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