

Converting Colors

YUV(96.2220, -16.3784,
73.4733)

Have a look what the booklet for
YUV(96.2220, -16.3784, 73.4733)
contains.

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Color

**YUV(96.2220, -16.3784,
73.4733)**

Conversions

Conversions Part 1

Format	Color
Hex	B43C3F
RGB	180, 60, 63
RGB Percent	71%, 24%, 25%
CMY	0.2941, 0.7647, 0.7529
CMYK	0.00, 0.67, 0.65, 0.29
HSL	358°, 50%, 47%
HSV	358°, 67%, 71%
XYZ	21.3355, 13.2939, 6.1441
YIQ	96.2220, 70.5570, 26.3730

Conversions

Conversions Part 2

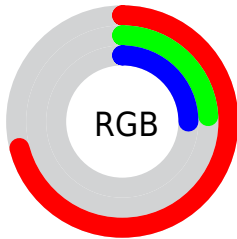
Format	Color
R_{YB}	180, 60, 63
Decimal	11811903
CIE _{Lab}	43.20, 48.69, 25.36
CIE _{LCh}	43, 54.898, 27.515
Yxy	13.2939, 0.5233, 0.3260
Android (android.graphics.Color)	4290001983 (0xFFB43C3F)
YUV	96.2220, -16.3784, 73.4733
Hunter-Lab	36.4608, 40.6449, 15.5314

Details

The YUV color **96.2220, -16.3784, 73.4733** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **143.7780, 16.3784, -73.4733**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6310, -20.0311, 78.3766**, and **38.5730, -8.6635, 72.2885** is the 20% darker color. If you saturate the color by 10%, you get **83.6040, -19.0318, 84.5393**, and if you desaturate by 10%, it is **108.8400, -13.7251, 62.4073**.

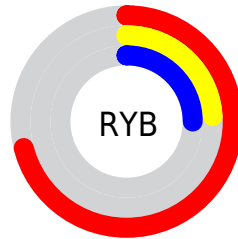
Distribution



Red (71%)

Green (24%)

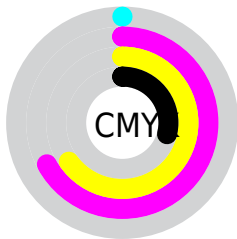
Blue (25%)



Red (71%)

Yellow (24%)

Blue (25%)

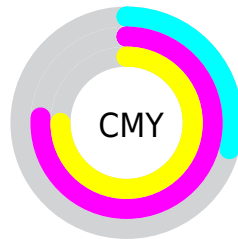


Cyan (0%)

Magenta (67%)

Yellow (65%)

Black (29%)



Cyan (29%)


Magenta (76%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.2220, -16.3784, 73.4733 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 96.2220, -16.3784, 73.4733 by changing the saturation by 10% instead.


 96.2220, -16.3784,
73.4733


 96.2220, -16.3784,
73.4733


255.0000, 0.0000,
0.0000


 67.7210, -13.1735,
72.1587


 151.6310,
-20.0311, 78.3766


 38.5730, -8.6635,
72.2885


 174.5160,
-18.9884, 70.5845

 27.5080, -13.5614,
56.5595

 193.9160,
-15.7346, 53.5707

 19.2500, -8.9972,
39.2458

 213.4300,
-12.0440, 36.4569

 9.9810, -4.4276,
20.1877

 233.6450, -8.2060,
18.7283

 0.0000, 0.0000,
0.0000

 253.9740, -3.9312,

0.8998

■ 96.2220, -16.3784,
73.4733

■ 96.2220, -16.3784,
73.4733

■ 83.6040, -19.0318,
84.5393

■ 108.8400,
-13.7251, 62.4073

■ 71.1000, -21.2483,
95.5053

■ 121.3440,
-11.5086, 51.4413

■ 58.4820, -23.9016,
106.5713

■ 133.9620, -8.8553,
40.3753

■ 54.3900, -24.3493,
110.1600

■ 146.4660, -6.6387,
29.4093

■ 159.0840, -3.9854,
18.3433

■ 171.5880, -1.7689,
7.3773

■ 184.2060, 0.8844,
-3.6887

■ 196.7100, 3.1010,
-14.6547

■ 209.3280, 5.7543,
-25.7207

Harmonies

Analogous

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



97.5310, 5.1612, 71.4483



96.2220, -16.3784, 73.4733



97.1940, -37.5636, 55.0809

Triad

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



96.2220, -16.3784, 73.4733



75.5530, -12.5976, -66.2600



85.9850, 52.7584, -75.4088

Complementary

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



96.2220, -16.3784, 73.4733



143.7780, 16.3784, -73.4733

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.



90.1450, 43.3125, -79.0572



96.2220, -16.3784, 73.4733



82.6720, 7.0637, -72.5033

Square

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



96.2220, -16.3784, 73.4733



90.2620, -44.4992, -7.2458



87.9160, 27.1564, -77.1023



102.3740, 39.7486, -9.0980

Rectangle

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



96.2220, -16.3784, 73.4733



96.1520, -47.4029, 37.5777



87.9160, 27.1564, -77.1023



88.1050, 50.7272, -77.2681

Sweetspot

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



96.2220, -16.3784, 73.4733



202.1670, -6.4913, 28.7945



108.3640, 35.3165, 59.3168



97.4860, -3.6906, 17.1138



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.



96.2220, -16.3784, 73.4733



103.7820, -25.5285, 115.0782



128.7520, -33.8947, 44.9445



82.8050, -0.8899, 5.4330



46.2030, -20.8061, 93.6610



7.8880, -3.3958, 15.8842

Inverse Universe

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



96.2220, -16.3784, 73.4733



103.7820, -25.5285, 115.0782



111.2480, 33.8947, -44.9445



82.8050, -0.8899, 5.4330



46.2030, -20.8061, 93.6610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 96.2220, -16.3784, 73.4733 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 96.2220, -16.3784, 73.4733 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 96.2220, -16.3784, 73.4733

Background



This preview shows how black text looks on a background with the YUV color 96.2220, -16.3784, 73.4733.



This preview shows how white text looks on a background with the YUV color 96.2220, -16.3784,

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

96.2220, -16.3784, 73.4733

Protanopia

102.4710, -11.0782, 6.6029

Deuteranopia

101.6980, -22.0361, 21.3129



Tritanopia

96.2220, -16.3784, 73.4733

Trichromacy



Original Color

96.2220, -16.3784, 73.4733

Protanomaly

99.8700, -12.7539, 30.8090

Deuteranomaly

99.6880, -20.0592, 40.6156

Tritanomaly

96.2220, -16.3784, 73.4733

Monochromacy



Original Color

96.2220, -16.3784, 73.4733

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2700, -6.0491, 26.9502

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2220, -16.3784, 73.4733 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(180, 60, 63)` looks like.

```
.text, #text, p{  
    color:rgb(180, 60, 63)  
}
```

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(180, 60, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 60, 63) }
```

Border

The CSS property to change the border of an element to YUV 96.2220, -16.3784, 73.4733 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(180, 60, 63) }
```


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

```
.border{ border-color:rgb(180, 60, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 60, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 60, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 60, 63);  
box-shadow:4px 4px 4px 4px rgb(180, 60,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 96.2220, -16.3784, 73.4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 60, 63) }
```

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

```
.background{ background-color: rgb(180, 60,  
63) }
```

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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