

Converting Colors

YUV(93.2350, -19.8359,
15.5799)

Have a look what the booklet for
YUV(93.2350, -19.8359, 15.5799)
contains.

YUV(93.2350, -19.8359, 15.5799)	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(93.2350, -19.8359,
15.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5C35
RGB	111, 92, 53
RGB Percent	44%, 36%, 21%
CMY	0.5647, 0.6392, 0.7922
CMYK	0.00, 0.17, 0.52, 0.56
HSL	40°, 35%, 32%
HSV	40°, 52%, 44%
XYZ	11.0253, 11.2908, 4.9664
YIQ	93.2350, 23.8430, -8.1010

Conversions

Conversions Part 2

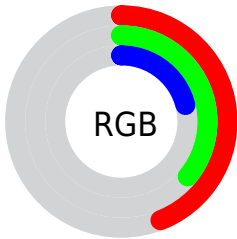
Format	Color
RYB	81, 111, 53
Decimal	7298101
CIELab	40.07, 2.18, 25.21
CIElCh	40, 25.301, 85.046
Yxy	11.2908, 0.4041, 0.4138
Android (android.graphics.Color)	4285488181 (0xFF6F5C35)
YUV	93.2350, -19.8359, 15.5799
Hunter-Lab	33.6018, -0.2346, 14.7581

Details

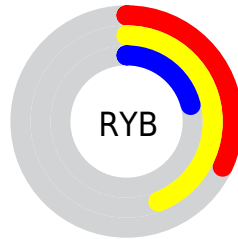
The YUV color **93.2350, -19.8359, 15.5799** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **70.7650, 19.8359, -15.5799**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7900, -21.5885, 17.7242**, and **46.1530, -18.8094, 13.0208** is the 20% darker color. If you saturate the color by 10%, you get **89.6330, -23.4831, 18.7389**, and if you desaturate by 10%, it is **96.8370, -16.1886, 12.4210**.

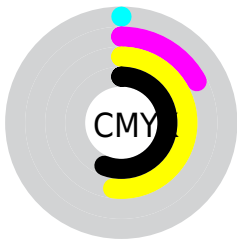
Distribution



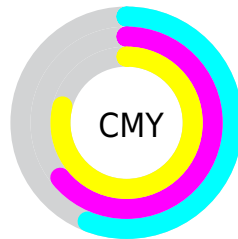
- Red (44%)
- Green (36%)
- Blue (21%)



- Red (32%)
- Yellow (44%)
- Blue (21%)



- Cyan (0%)
- Magenta (17%)
- Yellow (52%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.2350, -19.8359, 15.5799 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 93.2350, -19.8359, 15.5799 by changing the saturation by 10% instead.

■ 93.2350, -19.8359,
15.5799

■ 93.2350, -19.8359,
15.5799

■ 255.0000, 0.0000,
0.0000

■ 69.7510, -19.1042,
14.2504

■ 143.7900,
-21.5885, 17.7242

■ 46.1530, -18.8094,
13.0208

■ 170.3880,
-21.8833, 18.9537

■ 26.6240, -13.1256,
9.9768

■ 198.1600,
-22.7569, 19.1537

■ 1.7940, -0.8844,
3.6887

■ 226.3450,
-23.3411, 19.8684

■ 0.0000, 0.0000,
0.0000

■ 247.6530,
-20.5349, 6.4433

■ 252.7200, -8.7360,

1.9996

■ 93.2350, -19.8359,
15.5799

■ 93.2350, -19.8359,
15.5799

■ 89.6330, -23.4831,
18.7389

■ 96.8370, -16.1886,
12.4210

■ 86.6180, -27.4197,
21.3830

■ 99.8520, -12.2520,
9.7768

■ 83.0160, -31.0669,
24.5420

■ 103.4540, -8.6048,
6.6178

■ 79.4140, -34.7141,
27.7009

■ 107.0560, -4.9576,
3.4589

■ 77.2140, -38.0665,
29.6303

■ 110.1850, -0.5842,
0.7148

■ 113.7870, 3.0630,
-2.4442

■ 116.8020, 6.9996,
-5.0884

■ 120.4040, 10.6468,
-8.2473

■ 124.0060, 14.2940,
-11.4063

Harmonies

Analogous

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



94.8220, -16.6742, 28.2201



93.2350, -19.8359, 15.5799



90.8200, -17.1663, -0.7191

Triad

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



93.2350, -19.8359, 15.5799



74.5880, 17.9511, -64.5367



97.1560, 10.2761, 17.4032

Complementary

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



93.2350, -19.8359, 15.5799



70.7650, 19.8359, -15.5799

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.



95.3860, 18.0507, -2.9695



93.2350, -19.8359, 15.5799



80.1360, 23.5970, -55.3703

Square

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



93.2350, -19.8359, 15.5799



83.2570, 3.3243, -39.6904



89.6710, 22.3472, -27.7755



97.1270, 0.9234, 30.5836

Rectangle

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



93.2350, -19.8359, 15.5799



89.4100, -12.0341, -13.5146



89.6710, 22.3472, -27.7755



96.9210, 13.3499, 11.4703

Sweetspot

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



93.2350, -19.8359, 15.5799



138.2690, -8.0206, 5.9031



72.5080, -0.2504, 33.7575



69.4690, -4.6682, 3.9737



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



93.2350, -19.8359, 15.5799



117.0160, -31.0669, 24.5420



101.3980, -23.8602, -0.3490



54.1420, -2.0420, 1.6295



83.4270, -41.1295, 32.0745



171.2950, -84.4484, 66.3933

Inverse Universe

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



70.7650, 19.8359, -15.5799



81.9840, 31.0669, -24.5420



62.6020, 23.8602, 0.3490



51.8580, 2.0420, -1.6295



36.5730, 41.1295, -32.0745



75.7050, 84.4484, -66.3933

Previews

White Background



This preview shows how the YUV color 93.2350, -19.8359, 15.5799 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 93.2350, -19.8359, 15.5799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

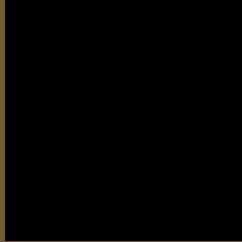
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.2350, -19.8359, 15.5799

Background



This preview shows how black text looks on a background with the YUV color 93.2350, -19.8359, 15.5799.



This preview shows how white text looks on a background with the YUV color 93.2350, -19.8359,

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

93.2350, -19.8359, 15.5799

Protanopia

93.0170, -19.2354, 9.6321

Deuteranopia

93.2570, -19.8467, 19.0686



Tritanopia

96.1700, -1.0698, 16.5139

Trichromacy



Original Color

93.2350, -19.8359, 15.5799

Protanomaly

93.3270, -19.3882, 11.9912

Deuteranomaly

93.5450, -19.9887, 17.9390

Tritanomaly

95.3350, -8.0532, 16.3692

Monochromacy



Original Color

93.2350, -19.8359, 15.5799

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.3830, -7.5838, 5.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2350, -19.8359, 15.5799 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(111, 92, 53)` looks like.

```
.text, #text, p{  
    color:rgb(111, 92, 53)  
}
```

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(111, 92, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 92, 53) }
```

Border

The CSS property to change the border of an element to YUV 93.2350, -19.8359, 15.5799 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(111, 92, 53) }
```


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

```
.border{ border-color:rgb(111, 92, 53) }
```

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

Here you see how a box with a 4 pixel rgb(111, 92, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 92, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 92, 53);  
box-shadow:4px 4px 4px 4px rgb(111, 92,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 93.2350, -19.8359, 15.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 92, 53) }
```

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

```
.background{ background-color: rgb(111, 92,  
53) }
```

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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