

Converting Colors

YUV(151.9760, -40.4142,
35.9780)

Have a look what the booklet for
YUV(151.9760, -40.4142, 35.9780)
contains.

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Color

**YUV(151.9760, -40.4142,
35.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	C19346
RGB	193, 147, 70
RGB Percent	76%, 58%, 27%
CMY	0.2431, 0.4235, 0.7255
CMYK	0.00, 0.24, 0.64, 0.24
HSL	38°, 50%, 52%
HSV	38°, 64%, 76%
XYZ	33.5315, 32.6471, 10.3286
YIQ	151.9760, 52.1330, -14.1950

Conversions

Conversions Part 2

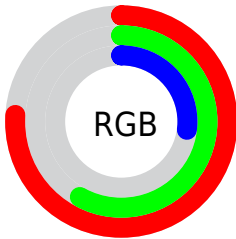
Format	Color
RYB	143, 193, 70
Decimal	12686150
CIELab	63.87, 9.01, 46.50
CIELCh	64, 47.367, 79.030
Yxy	32.6471, 0.4383, 0.4267
Android (android.graphics.Color)	4290876230 (0xFFC19346)
YUV	151.9760, -40.4142, 35.9780
Hunter-Lab	57.1376, 4.7628, 29.2787

Details

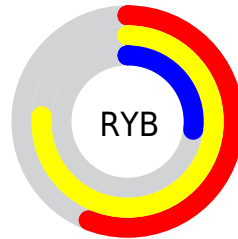
The YUV color **151.9760, -40.4142, 35.9780** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **111.0240, 40.4142, -35.9780**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1290, -42.4616, 39.3519**, and **99.7690, -39.8191, 31.7746** is the 20% darker color. If you saturate the color by 10%, you get **145.7010, -46.6876, 41.4812**, and if you desaturate by 10%, it is **158.2510, -34.1407, 30.4749**.

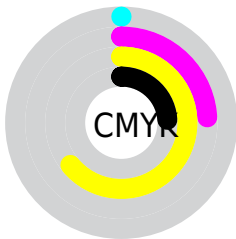
Distribution



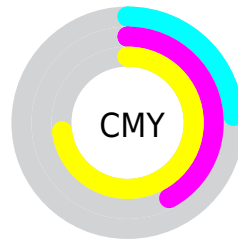
- Red (76%)
- Green (58%)
- Blue (27%)



- Red (56%)
- Yellow (76%)
- Blue (27%)



- Cyan (0%)
- Magenta (24%)
- Yellow (64%)
- Black (24%)



- Cyan (24%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.9760, -40.4142, 35.9780 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 151.9760, -40.4142, 35.9780 by changing the saturation by 10% instead.

■ 151.9760,
-40.4142, 35.9780

■ 151.9760,
-40.4142, 35.9780

■ 255.0000, 0.0000,
0.0000

■ 125.1930,
-39.5351, 34.0337

■ 207.1290,
-42.4616, 39.3519

■ 99.7690, -39.8191,
31.7746

■ 227.5400,
-39.2132, 24.0824

■ 75.1430, -37.0455,
28.8156

■ 245.8800,
-34.9438, 7.9982

■ 54.4550, -26.8463,
24.1570

■ 249.0720,
-22.7135, 5.1989

■ 34.0550, -16.7891,
18.3688

■ 252.2640,
-10.4832, 2.3995

■ 12.7910, -6.3060,
15.9693

■ 0.0000, 0.0000,

0.0000

■ 151.9760,
-40.4142, 35.9780

■ 151.9760,
-40.4142, 35.9780

■ 145.7010,
-46.6876, 41.4812

■ 158.2510,
-34.1407, 30.4749

■ 139.3120,
-53.3978, 47.0844

■ 164.6400,
-27.4305, 24.8717

■ 132.4500,
-59.3818, 53.1024

■ 171.5020,
-21.4465, 18.8537

■ 128.7340,
-63.4659, 56.3613

■ 177.7770,
-15.1731, 13.3506

■ 184.1660, -8.4628,
7.7474

■ 190.4410, -2.1894,
2.2442

■ 197.3030, 3.7946,
-3.7737

■ 203.5780, 10.0680,
-9.2769

■ 209.9670, 16.7783,
-14.8801

Harmonies

Analogous

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



153.7630, -30.4492, 59.8438



151.9760, -40.4142, 35.9780



148.4620, -37.6958, 3.9798

Triad

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



151.9760, -40.4142, 35.9780



123.9460, 28.1276, -108.7006



159.5330, 25.3732, 28.4736

Complementary

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



151.9760, -40.4142, 35.9780



111.0240, 40.4142, -35.9780

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.



154.6070, 39.6337, -18.9493



151.9760, -40.4142, 35.9780



126.4030, 45.1573, -110.8554

Square

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



151.9760, -40.4142, 35.9780



122.2300, 7.2816, -95.7947



125.6780, 54.8817, -103.2036



157.9100, 6.9464, 58.8379

Rectangle

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



151.9760, -40.4142, 35.9780



145.0120, -28.5999, -20.1815



125.6780, 54.8817, -103.2036



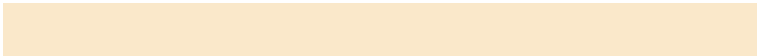
159.1120, 30.5108, 13.9338

Sweetspot

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



151.9760, -40.4142, 35.9780



233.9620, -15.7573, 14.0653



112.1350, 2.3984, 70.9186



115.2370, -9.4838, 8.5622



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



151.9760, -40.4142, 35.9780



186.6630, -62.4449, 55.5465



174.7920, -51.6625, 3.6904



93.5120, -3.2104, 3.0590



107.4260, -52.9610, 46.9844



22.1940, -10.9416, 9.4769

Inverse Universe

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



111.0240, 40.4142, -35.9780



123.3370, 62.4449, -55.5465



88.2080, 51.6625, -3.6904



90.4880, 3.2104, -3.0590



53.5740, 52.9610, -46.9844



10.8060, 10.9416, -9.4769

Previews

White Background



This preview shows how the YUV color 151.9760, -40.4142, 35.9780 looks on a white background.

Color Contrast Check

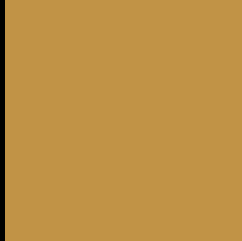
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 151.9760, -40.4142, 35.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

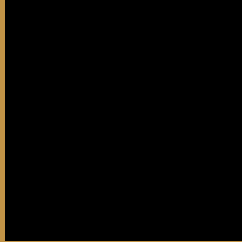
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.9760, -40.4142, 35.9780

Background



This preview shows how black text looks on a background with the YUV color 151.9760, -40.4142, 35.9780.



This preview shows how white text looks on a background with the YUV color 151.9760, -40.4142, 35.9780.

35.9780.

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

151.9760, -40.4142, 35.9780

Protanopia

150.7350, -38.3234, 18.6494

Deuteranopia

152.2640, -40.5562, 34.8485



Tritanopia

157.4930, -4.1870, 36.4016

Trichromacy



Original Color

151.9760, -40.4142, 35.9780

Protanomaly

151.2520, -39.0712, 25.2120

Deuteranomaly

152.2640, -40.5562, 34.8485

Tritanomaly

155.3500, -17.4275, 36.5271

Monochromacy



Original Color

151.9760, -40.4142, 35.9780

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.8910, -14.7363, 13.2506

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.9760, -40.4142, 35.9780 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(193, 147, 70)` looks like.

```
.text, #text, p{  
    color:rgb(193, 147, 70)  
}
```

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(193, 147, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 147, 70) }
```

Border

The CSS property to change the border of an element to YUV 151.9760, -40.4142, 35.9780 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(193, 147, 70) }
```


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

```
.border{ border-color:rgb(193, 147, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 147, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 147, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 147, 70);  
box-shadow:4px 4px 4px 4px rgb(193, 147,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 151.9760, -40.4142, 35.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 147, 70) }
```

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

```
.background{ background-color: rgb(193,  
147, 70) }
```

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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