

Converting Colors

YUV(151.4380, 19.0111,
-31.0791)

Have a look what the booklet for
YUV(151.4380, 19.0111, -31.0791)
contains.

YUV(151.4380, 19.0111, -31.0791)	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(151.4380, 19.0111,
-31.0791)**

Conversions

Conversions Part 1

Format	Color
Hex	74A2BE
RGB	116, 162, 190
RGB Percent	45%, 64%, 75%
CMY	0.5451, 0.3647, 0.2549
CMYK	0.39, 0.15, 0.00, 0.25
HSL	203°, 36%, 60%
HSV	203°, 39%, 75%
XYZ	29.4171, 33.2714, 53.5868
YIQ	151.4380, -36.4040, -1.0440

Conversions

Conversions Part 2

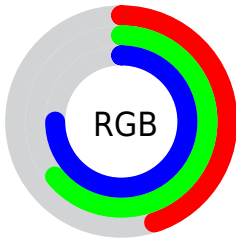
Format	Color
RYB	116, 144, 190
Decimal	7643838
CIELab	64.38, -8.25, -19.32
CIELCh	64, 21.008, 246.868
Yxy	33.2714, 0.2530, 0.2861
Android (android.graphics.Color)	4285833918 (0xFF74A2BE)
YUV	151.4380, 19.0111, -31.0791
Hunter-Lab	57.6813, -9.9087, -14.7043

Details

The YUV color **151.4380, 19.0111, -31.0791** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **154.5620, -19.0111, 31.0791**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2530, 19.5953, -31.7939**, and **99.0250, 18.7217, -31.5939** is the 20% darker color. If you saturate the color by 10%, you get **141.6480, 23.8375, -39.1563**, and if you desaturate by 10%, it is **161.2280, 14.1846, -23.0020**.

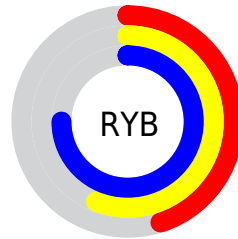
Distribution



Red (45%)

Green (64%)

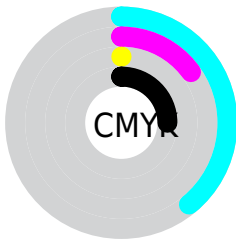
Blue (75%)



Red (45%)

Yellow (56%)

Blue (75%)

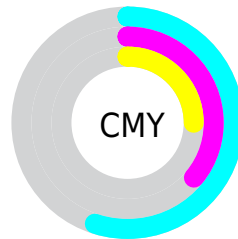


Cyan (39%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (55%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.4380, 19.0111, -31.0791 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 151.4380, 19.0111, -31.0791 by changing the saturation by 10% instead.

■ 151.4380, 19.0111,
-31.0791

■ 151.4380, 19.0111,
-31.0791

255.0000, 0.0000,
0.0000

■ 125.3240, 18.5743,
-30.9791

■ 206.2530, 19.5953,
-31.7939

■ 99.0250, 18.7217,
-31.5939

■ 232.3860, 11.1487,
-29.2795

■ 73.9000, 18.2903,
-33.2383

■ 246.6280, 4.1274,
-17.2138

■ 46.8990, 19.7698,
-41.1304

■ 31.2490, 15.6532,
-27.4054

■ 17.0010, 11.8315,
-14.9099

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 151.4380, 19.0111,
-31.0791

■ 151.4380, 19.0111,
-31.0791

■ 141.6480, 23.8375,
-39.1563

■ 161.2280, 14.1846,
-23.0020

■ 131.8580, 28.6640,
-47.2335

■ 171.0180, 9.3581,
-14.9248

■ 121.4810, 33.7799,
-54.7958

■ 181.3950, 4.2423,
-7.3624

■ 111.6910, 38.6063,
-62.8730

■ 191.1850, -0.5842,
0.7148

■ 101.9010, 43.4328,
-70.9502

■ 200.9750, -5.4107,
8.7919

■ 92.1110, 48.2593,
-79.0273

■ 210.7650,
-10.2371, 16.8691

■ 90.9260, 48.8435,
-79.7421

■ 220.5550,
-15.0636, 24.9463

■ 227.0450,
-18.2632, 24.5165

■ 231.1540,
-20.2889, 20.9129

Harmonies

Analogous

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



148.5310, 14.5282, -39.9307



151.4380, 19.0111, -31.0791



155.4340, 18.5200, -13.5356

Triad

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



151.4380, 19.0111, -31.0791



159.2750, -3.5866, 30.4538



152.8130, -13.2188, -6.8520

Complementary

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



151.4380, 19.0111, -31.0791



154.5620, -19.0111, 31.0791

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.



154.7720, -17.6356, 9.8470



151.4380, 19.0111, -31.0791



158.0980, -11.8803, 30.6091

Square

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



151.4380, 19.0111, -31.0791



159.6250, 5.6079, 21.3769



156.6750, -17.0948, 23.0870



150.0050, -4.4395, -22.8064

Rectangle

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



151.4380, 19.0111, -31.0791



157.7130, 15.4245, -0.6253



156.6750, -17.0948, 23.0870



153.2760, -15.4191, -1.1191

Sweetspot

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



151.4380, 19.0111, -31.0791



231.8720, 7.4581, -12.1657



162.5160, -9.6214, -40.7945



115.5090, 4.6791, -7.4624



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.



151.4380, 19.0111, -31.0791



186.4880, 29.8324, -48.6630



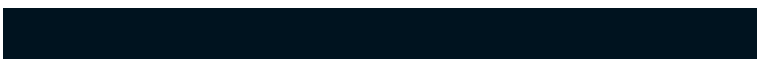
130.3060, 29.4291, -12.5464



89.5480, 2.1948, -3.9886



75.5380, 40.6538, -66.2468



14.6870, 8.0423, -12.8805

Inverse Universe

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



143.3700, 9.1846, 40.8945



173.8920, 14.3502, 64.1157



175.6940, -29.4291, 12.5464



88.3750, 1.2941, 4.9331



58.4140, 19.5159, 87.3369



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 151.4380, 19.0111, -31.0791 looks on a white background.

Color Contrast Check

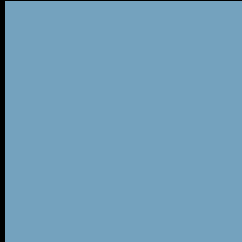
Large Text (above 18pt) WCAG AA × Fail

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 151.4380, 19.0111, -31.0791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

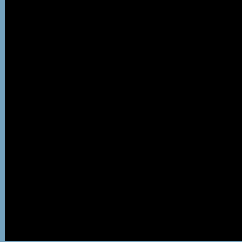
Any Text WCAG AA ✓ Pass

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 151.4380, 19.0111, -31.0791 Background



This preview shows how black text looks on a background with the YUV color 151.4380, 19.0111, -31.0791.



This preview shows how white text looks on a background with the YUV color 151.4380, 19.0111, -31.0791.

-31.0791.

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

151.4380, 19.0111, -31.0791

Protanopia

156.0390, 14.2778, -6.1732

Deuteranopia

156.5600, 17.4719, -3.9991



Tritanopia

150.2330, 13.1961, -32.6533

Trichromacy



Original Color

151.4380, 19.0111, -31.0791

Protanomaly

154.4400, 16.0521, -15.2949

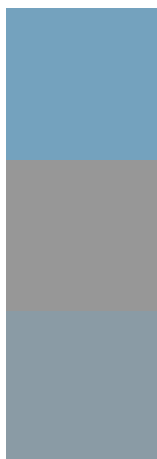
Deuteranomaly

154.9070, 17.7938, -13.9504

Tritanomaly

150.5150, 15.5221, -32.0237

Monochromacy



Original Color

151.4380, 19.0111, -31.0791

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0570, 6.8739, -11.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.4380, 19.0111, -31.0791 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(116, 162, 190)` looks like.

```
.text, #text, p{  
    color:rgb(116, 162, 190)  
}
```

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(116, 162, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 162, 190) }
```

Border

The CSS property to change the border of an element to YUV 151.4380, 19.0111, -31.0791 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(116, 162, 190) }
```


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

```
.border{ border-color:rgb(116, 162, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 162, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 162, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 162, 190);  
box-shadow:4px 4px 4px 4px rgb(116, 162,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 151.4380, 19.0111, -31.0791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 162, 190) }
```

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

```
.background{ background-color: rgb(116,  
162, 190) }
```

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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