

Converting Colors

YUV(151.2790, 43.7395,
-29.1857)

Have a look what the booklet for
YUV(151.2790, 43.7395, -29.1857)
contains.

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Color

**YUV(151.2790, 43.7395,
-29.1857)**

Conversions

Conversions Part 1

Format	Color
Hex	7697F0
RGB	118, 151, 240
RGB Percent	46%, 59%, 94%
CMY	0.5373, 0.4078, 0.0588
CMYK	0.51, 0.37, 0.00, 0.06
HSL	224°, 80%, 70%
HSV	224°, 51%, 94%
XYZ	34.2660, 32.2760, 86.8620
YIQ	151.2790, -48.2370, 20.6830

Conversions

Conversions Part 2

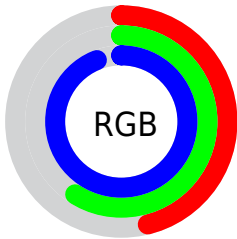
Format	Color
R _Y B	118, 144, 240
Decimal	7772144
CIE Lab	63.57, 12.88, -48.30
CIE LCh	64, 49.988, 284.936
Yxy	32.2760, 0.2234, 0.2104
Android (android.graphics.Color)	4285962224 (0xFF7697F0)
YUV	151.2790, 43.7395, -29.1857
Hunter-Lab	56.8120, 8.2408, -50.8823

Details

The YUV color **151.2790, 43.7395, -29.1857** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **206.7210, -43.7395, 29.1857**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.0290, 26.1147, -22.8274**, and **97.1920, 42.3033, -35.2484** is the 20% darker color. If you saturate the color by 10%, you get **133.5370, 52.4863, -34.6739**, and if you desaturate by 10%, it is **169.0210, 34.9926, -23.6974**.

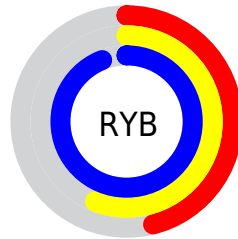
Distribution



Red (46%)

Green (59%)

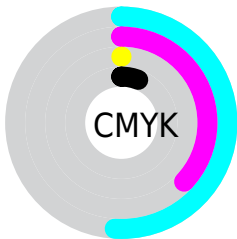
Blue (94%)



Red (46%)

Yellow (56%)

Blue (94%)

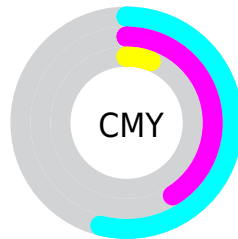


Cyan (51%)

Magenta (37%)

Yellow (0%)

Black (6%)



Cyan (54%)

Magenta (41%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2790, 43.7395, -29.1857 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 151.2790, 43.7395, -29.1857 by changing the saturation by 10% instead.

■ 151.2790, 43.7395,
-29.1857

■ 151.2790, 43.7395,
-29.1857

255.0000, 0.0000,
0.0000

■ 124.0400, 42.8713,
-30.7301

■ 202.0290, 26.1147,
-22.8274

■ 97.1920, 42.3033,
-35.2484

■ 227.1360, 13.7370,
-19.4133

■ 66.8700, 43.9411,
-47.2440

■ 249.0200, 2.9481,
-12.2955

■ 47.1050, 40.8672,
-41.3111

■ 31.8140, 35.5877,
-27.9009

■ 16.0500, 31.0343,
-14.0759

■ 9.3190, 23.0137,

-8.1728

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 151.2790, 43.7395,
-29.1857

■ 151.2790, 43.7395,
-29.1857

■ 133.5370, 52.4863,
-34.6739

■ 169.0210, 34.9926,
-23.6974

■ 116.3820, 60.9437,
-40.6770

■ 186.1760, 26.5352,
-17.6944

■ 98.6400, 69.6905,
-46.1653

■ 203.9180, 17.7884,
-12.2061

■ 81.4850, 78.1479,
-52.1683

■ 221.0730, 9.3310,
-6.2030

■ 65.5150, 86.0211,
-57.4567

■ 238.8150, 0.5842,
-0.7148

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



124.1010, 56.6452, -108.8366



151.2790, 43.7395, -29.1857



158.4230, 28.8785, 24.1850

Triad

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



151.2790, 43.7395, -29.1857



153.0240, -29.5918, 64.8770



121.6170, 3.6398, -94.3801

Complementary

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



151.2790, 43.7395, -29.1857



206.7210, -43.7395, 29.1857

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.



141.5270, -26.3888, -29.4032



151.2790, 43.7395, -29.1857



151.2540, -42.0302, 40.9962

Square

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



151.2790, 43.7395, -29.1857



154.1170, -10.4107, 72.6884



147.7570, -41.7852, 8.9831



123.2620, 25.5068, -108.1008

Rectangle

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



151.2790, 43.7395, -29.1857



158.4880, 17.0144, 49.5610



147.7570, -41.7852, 8.9831



133.1990, -8.9721, -62.4415

Sweetspot

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



151.2790, 43.7395, -29.1857



227.2020, 13.7044, -8.9472



199.5320, 2.6957, -71.5036



111.1440, 8.3100, -5.3883



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



151.2790, 43.7395, -29.1857



142.0250, 55.6967, -37.7329



139.6820, 49.4568, 3.7869



111.1290, 4.3734, -2.7441



50.3260, 65.9013, -44.1359



15.1890, 20.1198, -13.3208

Inverse Universe

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



158.2400, -3.5693, 71.7035



150.5460, -4.2132, 91.6062



218.3180, -49.4568, -3.7869



111.9300, -0.4585, 7.0774



60.7160, -5.2830, 108.1201



18.4540, -1.7028, 32.9278

Previews

White Background



This preview shows how the YUV color 151.2790, 43.7395, -29.1857 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 151.2790, 43.7395, -29.1857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

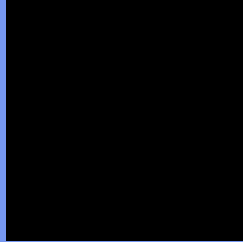
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.2790, 43.7395, -29.1857

Background



This preview shows how black text looks on a background with the YUV color 151.2790, 43.7395, -29.1857.



This preview shows how white text looks on a background with the YUV color 151.2790, 43.7395, -29.1857.

-29.1857.

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

151.2790, 43.7395, -29.1857

Protanopia

151.5890, 43.5866, -26.8266

Deuteranopia

149.3490, 44.1979, -36.2631



Tritanopia

145.7480, 15.4072, -41.8750

Trichromacy



Original Color

151.2790, 43.7395, -29.1857

Protanomaly

151.2900, 43.7340, -27.4413

Deuteranomaly

149.9580, 43.8977, -33.2892

Tritanomaly

147.5280, 25.8687, -37.2971

Monochromacy



Original Color

151.2790, 43.7395, -29.1857

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0600, 15.7464, -10.5766

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2790, 43.7395, -29.1857 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(118, 151, 240)` looks like.

```
.text, #text, p{  
    color:rgb(118, 151, 240)  
}
```

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(118, 151, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 151, 240) }
```

Border

The CSS property to change the border of an element to YUV 151.2790, 43.7395, -29.1857 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

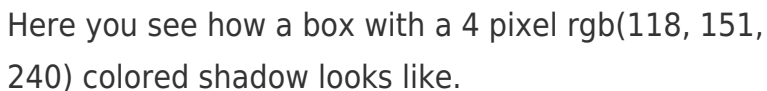
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 151, 240) }
```


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

```
.border{ border-color:rgb(118, 151, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 151, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 151, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 151, 240); box-shadow:4px 4px 4px 4px rgb(118, 151, 240) }
```

Background

The CSS property to change the background color of an element to YUV 151.2790, 43.7395, -29.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 151, 240) }
```

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

```
.background{ background-color: rgb(118,  
151, 240) }
```

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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