

Converting Colors

YUV(199.2360, 11.7157,
-71.2440)

Have a look what the booklet for
YUV(199.2360, 11.7157, -71.2440)
contains.

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Color

**YUV(199.2360, 11.7157,
-71.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	76ECDF
RGB	118, 236, 223
RGB Percent	46%, 93%, 87%
CMY	0.5373, 0.0745, 0.1255
CMYK	0.50, 0.00, 0.06, 0.07
HSL	173°, 76%, 69%
HSV	173°, 50%, 93%
XYZ	50.7859, 69.1702, 80.4865
YIQ	199.2360, -66.1550, -29.0590

Conversions

Conversions Part 2

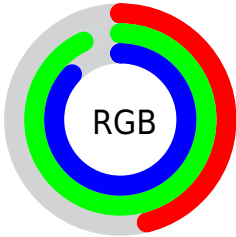
Format	Color
R _Y B	118, 180, 236
Decimal	7793887
CIE Lab	86.59, -36.46, -3.96
CIE LCh	87, 36.674, 186.198
Yxy	69.1702, 0.2534, 0.3451
Android (android.graphics.Color)	4285983967 (0xFF76ECDF)
YUV	199.2360, 11.7157, -71.2440
Hunter-Lab	83.1686, -36.5461, 0.8401

Details

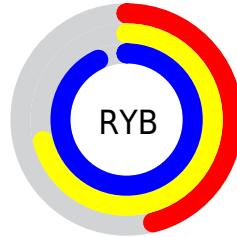
The YUV color **199.2360, 11.7157, -71.2440** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **154.7640, -11.7157, 71.2440**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, 11.4977, -47.9526**, and **140.9580, 13.3317, -76.2622** is the 20% darker color. If you saturate the color by 10%, you get **191.7180, 13.9430, -85.6987**, and if you desaturate by 10%, it is **206.7540, 9.4883, -56.7893**.

Distribution



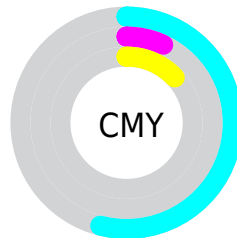
- Red (46%)
- Green (93%)
- Blue (87%)



- Red (46%)
- Yellow (71%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (54%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.2360, 11.7157, -71.2440 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 199.2360, 11.7157, -71.2440 by changing the saturation by 10% instead.

199.2360, 11.7157,
-71.2440

199.2360, 11.7157,
-71.2440

255.0000, 0.0000,
0.0000

169.7520, 12.4473,
-72.5735

231.6780, 11.4977,
-47.9526

140.9580, 13.3317,
-76.2622

240.6480, 7.0755,
-29.5093

105.4120, 18.0379,
-92.4463

249.6180, 2.6533,
-11.0660

87.1860, 14.2053,
-76.4621

69.6610, 10.5201,
-61.0927

52.3640, 7.7085,
-45.9232

35.7680, 5.0444,

-31.3685

■ 21.6340, 1.6594,
-18.9730

■ 0.0000, 0.0000,
0.0000

■ 199.2360, 11.7157,
-71.2440

■ 199.2360, 11.7157,
-71.2440

■ 191.7180, 13.9430,
-85.6987

■ 206.7540, 9.4883,
-56.7893

■ 184.6130, 16.4598,
-99.6386

■ 213.8590, 6.9715,
-42.8493

■ 177.0950, 18.6872,
-114.0933

■ 221.3770, 4.7441,
-28.3946

■ 169.9900, 21.2039,
-128.0332

■ 228.4820, 2.2274,
-14.4547

■ 162.4720, 23.4313,
-142.4879

■ 236.0000, 0.0000,
0.0000

■ 242.0230, -1.4903,
11.3808

■ 242.2510, -0.6167,
11.1809

■ 242.5930, 0.6937,
10.8809

■ 242.8210, 1.5672,
10.6810

Harmonies

Analogous

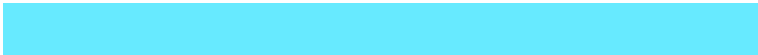
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205.1350, -8.4476, -43.9684



199.2360, 11.7157, -71.2440



197.2250, 28.4831, -82.6353

Triad

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



199.2360, 11.7157, -71.2440



218.4740, 18.0073, 10.9853



214.1360, -29.6470, 35.8377

Complementary

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



199.2360, 11.7157, -71.2440



154.7640, -11.7157, 71.2440

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.



210.8880, -16.7068, 38.6862



199.2360, 11.7157, -71.2440



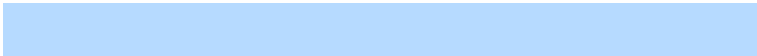
218.7540, 13.4323, 31.7877

Square

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



199.2360, 11.7157, -71.2440



211.4540, 21.4682, -25.8312



212.4160, -0.6981, 37.3462



214.1030, -33.0818, 17.4497

Rectangle

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



199.2360, 11.7157, -71.2440



199.3620, 27.4295, -71.3545



212.4160, -0.6981, 37.3462



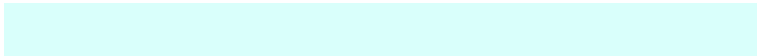
212.4720, -25.8687, 37.2971

Sweetspot

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



199.2360, 11.7157, -71.2440



243.1820, 3.8543, -22.9616



191.4520, -36.2118, -52.1394



120.7810, 2.0800, -13.8399



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.



199.2360, 11.7157, -71.2440



207.3150, 15.1277, -92.3613



174.3030, 30.4166, -49.3777



113.5970, 1.1847, -6.6626



124.6010, 17.9447, -109.2751



37.1700, 5.3392, -32.5981

Inverse Universe

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



154.7640, -11.7157, 71.2440



149.6850, -15.1277, 92.3613



179.6970, -30.4166, 49.3777



109.4030, -1.1847, 6.6626



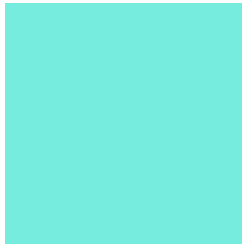
56.3990, -17.9447, 109.2751



16.8300, -5.3392, 32.5981

Previews

White Background



This preview shows how the YUV color 199.2360, 11.7157, -71.2440 looks on a white background.

Color Contrast Check

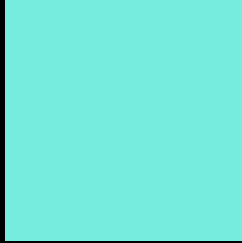
Large Text (above 18pt) WCAG AA × Fail

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 199.2360, 11.7157, -71.2440 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

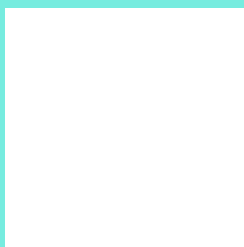
Any Text WCAG AAA ✓ Pass

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

YUV 199.2360, 11.7157, -71.2440 Background



This preview shows how black text looks on a background with the YUV color 199.2360, 11.7157, -71.2440.



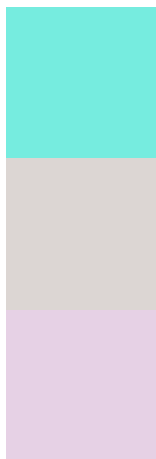
This preview shows how white text looks on a background with the YUV color 199.2360, 11.7157, -71.2440.

-71.2440.

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

199.2360, 11.7157, -71.2440

Protanopia

215.4520, -2.1948, 3.9886

Deuteranopia

217.5590, 5.6404, 10.9108



Tritanopia

202.7710, 23.7769, -66.4512

Trichromacy



Original Color

199.2360, 11.7157, -71.2440



Protanomaly

209.5410, 2.6913, -23.2765



Deuteranomaly

210.9420, 7.9166, -19.2431



Tritanomaly

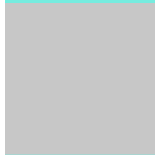
201.3210, 19.5617, -67.8105

Monochromacy



Original Color

199.2360, 11.7157, -71.2440



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.9860, 4.4439, -25.4207

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.2360, 11.7157, -71.2440 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, 236, 223)` looks like.

```
.text, #text, p{  
    color:rgb(118, 236, 223)  
}
```

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, 236, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 236, 223) }
```

Border

The CSS property to change the border of an element to YUV 199.2360, 11.7157, -71.2440 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, 236, 223) }
```


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

```
.border{ border-color:rgb(118, 236, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 236, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 236, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 236, 223);  
box-shadow:4px 4px 4px 4px rgb(118, 236,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 199.2360, 11.7157, -71.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 236, 223) }
```

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

```
.background{ background-color: rgb(118,  
236, 223) }
```

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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