

Converting Colors

YUV(132.3690, 60.4571,
-71.3606)

Have a look what the booklet for
YUV(132.3690, 60.4571, -71.3606)
contains.

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Color

**YUV(132.3690, 60.4571,
-71.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	3396FF
RGB	51, 150, 255
RGB Percent	20%, 59%, 100%
CMY	0.8000, 0.4118, 0.0000
CMYK	0.80, 0.41, 0.00, 0.00
HSL	211°, 100%, 60%
HSV	211°, 80%, 100%
XYZ	30.3216, 29.7365, 98.7493
YIQ	132.3690, -92.7090, 11.6670

Conversions

Conversions Part 2

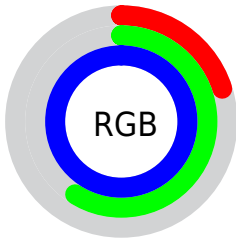
Format	Color
R _Y B	51, 118, 255
Decimal	3380991
CIE Lab	61.43, 7.91, -60.10
CIE LCh	61, 60.617, 277.499
Yxy	29.7365, 0.1909, 0.1872
Android (android.graphics.Color)	4281571071 (0xFF3396FF)
YUV	132.3690, 60.4571, -71.3606
Hunter-Lab	54.5312, 3.8238, -69.1951

Details

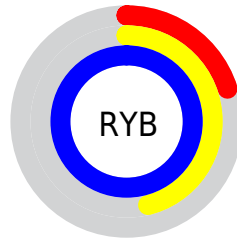
The YUV color **132.3690, 60.4571, -71.3606** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **173.6310, -60.4571, 71.3606**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.0900, 33.4796, -51.8219**, and **81.2720, 57.5469, -71.2755** is the 20% darker color. If you saturate the color by 10%, you get **116.9640, 68.0517, -80.6524**, and if you desaturate by 10%, it is **147.7740, 52.8624, -62.0688**.

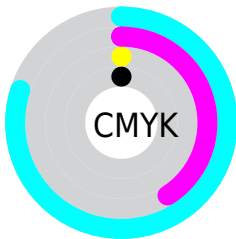
Distribution



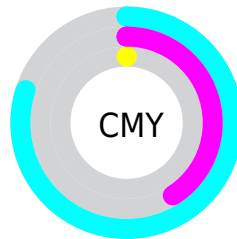
- Red (20%)
- Green (59%)
- Blue (100%)



- Red (20%)
- Yellow (46%)
- Blue (100%)



- Cyan (80%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.3690, 60.4571, -71.3606 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 132.3690, 60.4571, -71.3606 by changing the saturation by 10% instead.

■ 132.3690, 60.4571,
-71.3606

■ 132.3690, 60.4571,
-71.3606

255.0000, 0.0000,
0.0000

■ 99.1390, 62.5425,
-86.9449

■ 187.0900, 33.4796,
-51.8219

■ 81.2720, 57.5469,
-71.2755

■ 213.0940, 20.6597,
-46.5634

■ 64.5790, 51.9726,
-56.6358

■ 236.1630, 9.2866,
-38.7310

■ 48.5870, 46.5456,
-42.6108

■ 245.4320, 4.7170,
-19.6729

■ 33.8830, 40.9767,
-29.7154

254.7010, 0.1474,
-0.6148

■ 17.4180, 36.2759,
-15.2756

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 132.3690, 60.4571,
-71.3606

■ 132.3690, 60.4571,
-71.3606

■ 116.9640, 68.0517,
-80.6524

■ 147.7740, 52.8624,
-62.0688

■ 101.8580, 75.4990,
-89.3295

■ 162.8800, 45.4152,
-53.3918

■ 178.2850, 37.8205,
-44.0999

■ 193.9780, 30.0838,
-35.9377

■ 209.3830, 22.4892,
-26.6459

■ 224.4890, 15.0419,
-17.9689

■ 239.8940, 7.4473,
-8.6770

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



125.0130, 60.1396, -109.6364



132.3690, 60.4571, -71.3606



152.0440, 40.4043, 13.9934

Triad

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



132.3690, 60.4571, -71.3606



144.9490, -29.0619, 81.6057



112.3470, -3.6221, -98.5283

Complementary

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



132.3690, 60.4571, -71.3606



173.6310, -60.4571, 71.3606

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.



133.7590, -38.3352, -24.3446



132.3690, 60.4571, -71.3606



144.1050, -49.3518, 56.0359

Square

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



132.3690, 60.4571, -71.3606



145.8120, -4.3443, 86.9879



139.8650, -55.6424, 20.2894



120.4920, 19.9704, -105.6715

Rectangle

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



132.3690, 60.4571, -71.3606



152.4200, 26.9079, 49.6207



139.8650, -55.6424, 20.2894



123.5870, -17.5444, -66.2898

Sweetspot

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



132.3690, 60.4571, -71.3606



218.5640, 17.9629, -21.5426



182.3760, -14.4824, -115.2168



105.1970, 11.2419, -12.4508



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.



132.3690, 60.4571, -71.3606



107.7830, 72.5780, -85.7557



74.2560, 89.1068, -20.3955



120.0040, 3.9420, -4.3885



76.3650, 56.5151, -66.9721



25.4930, 18.9840, -22.3574

Inverse Universe

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



123.2820, 13.1720, 115.5167



96.8210, 15.8642, 138.7230



231.7440, -89.1068, 20.3955



119.5710, 0.7045, 7.3922



67.7110, 12.4675, 108.1245



22.6700, 4.1067, 36.2464

Previews

White Background



This preview shows how the YUV color 132.3690, 60.4571, -71.3606 looks on a white background.

Color Contrast Check

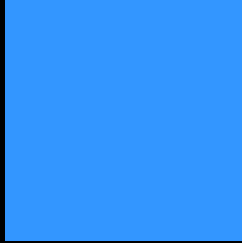
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 132.3690, 60.4571, -71.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

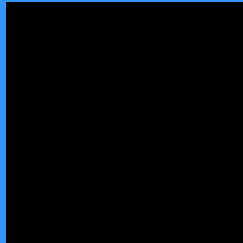
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

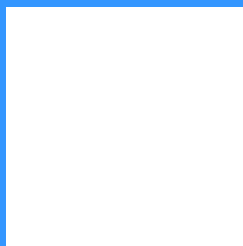
Any Text WCAG AAA × Fail

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

YUV 132.3690, 60.4571, -71.3606 Background



This preview shows how black text looks on a background with the YUV color 132.3690, 60.4571, -71.3606.



This preview shows how white text looks on a background with the YUV color 132.3690, 60.4571, -71.3606.

-71.3606.

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

132.3690, 60.4571, -71.3606

Protanopia

143.4120, 52.0549, -36.3183

Deuteranopia

134.7720, 59.2724, -64.6980



Tritanopia

116.3320, 29.4163, -102.0232

Trichromacy



Original Color

132.3690, 60.4571, -71.3606

Protanomaly

139.1330, 55.1504, -49.2286

Deuteranomaly

133.5760, 59.8620, -67.1572

Tritanomaly

122.3840, 40.7297, -90.6678

Monochromacy



Original Color

132.3690, 60.4571, -71.3606

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.5680, 21.9050, -25.9311

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3690, 60.4571, -71.3606 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(51, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 150, 255)  
}
```

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(51, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 150, 255) }
```

Border

The CSS property to change the border of an element to YUV 132.3690, 60.4571, -71.3606 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(51, 150, 255) }
```


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

```
.border{ border-color:rgb(51, 150, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 150,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 132.3690, 60.4571, -71.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 150, 255) }
```

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

```
.background{ background-color: rgb(51, 150,  
255) }
```

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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