

Converting Colors

YUV(152.3400, -59.8206,
-39.7632)

Have a look what the booklet for
YUV(152.3400, -59.8206, -39.7632)
contains.

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Color

**YUV(152.3400, -59.8206,
-39.7632)**

Conversions

Conversions Part 1

Format	Color
Hex	6BC71F
RGB	107, 199, 31
RGB Percent	42%, 78%, 12%
CMY	0.5804, 0.2196, 0.8784
CMYK	0.46, 0.00, 0.84, 0.22
HSL	93°, 73%, 45%
HSV	93°, 84%, 78%
XYZ	26.7342, 44.0716, 8.3940
YIQ	152.3400, -0.9040, -71.7520

Conversions

Conversions Part 2

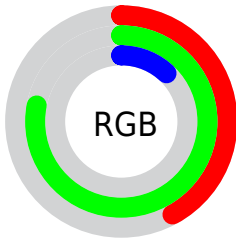
Format	Color
RYB	31, 199, 123
Decimal	7063327
CIELab	72.28, -52.90, 67.08
CIELCh	72, 85.429, 128.259
Yxy	44.0716, 0.3376, 0.5565
Android (android.graphics.Color)	4285253407 (0xFF6BC71F)
YUV	152.3400, -59.8206, -39.7632
Hunter-Lab	66.3864, -44.2934, 38.9738

Details

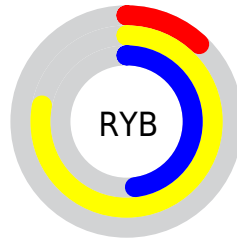
The YUV color **152.3400, -59.8206, -39.7632** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **77.6600, 59.8206, 39.7632**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.9210, -57.6421, -38.5187**, and **97.3850, -48.0108, -47.6956** is the 20% darker color. If you saturate the color by 10%, you get **146.7710, -66.9351, -44.5262**, and if you desaturate by 10%, it is **157.9090, -52.7061, -35.0002**.

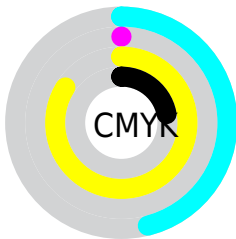
Distribution



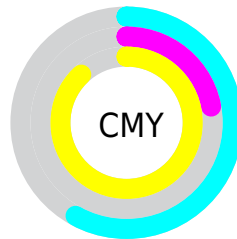
- Red (42%)
- Green (78%)
- Blue (12%)



- Red (12%)
- Yellow (78%)
- Blue (48%)



- Cyan (46%)
- Magenta (0%)
- Yellow (84%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.3400, -59.8206, -39.7632 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 152.3400, -59.8206, -39.7632 by changing the saturation by 10% instead.

■ 152.3400,
-59.8206, -39.7632

■ 152.3400,
-59.8206, -39.7632

255.0000, 0.0000,
0.0000

■ 123.4000,
-60.8362, -40.6928

■ 209.9210,
-57.6421, -38.5187

■ 97.3850, -48.0108,
-47.6956

■ 221.7840,
-49.6865, -23.4896

■ 69.2660, -34.1481,
-60.7463

■ 234.0600,
-41.4416, -7.9456

■ 54.0040, -26.6240,
-47.3615

■ 246.2220,
-33.6334, 7.6983

■ 39.9160, -19.6786,
-35.0063

■ 249.5280,
-20.9663, 4.7989

■ 27.0020, -13.3120,
-23.6808

■ 252.8340, -8.2992,

■ 8.8050, -4.3409,

1.8996

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 152.3400,
-59.8206, -39.7632

■ 152.3400,
-59.8206, -39.7632

■ 146.7710,
-66.9351, -44.5262

■ 157.9090,
-52.7061, -35.0002

■ 143.7230,
-70.8554, -47.1151

■ 163.4780,
-45.5917, -30.2372

■ 169.0470,
-38.4772, -25.4742

■ 174.6160,
-31.3627, -20.7112

■ 179.8860,
-24.1008, -16.5630

■ 185.3410,
-17.4231, -11.7001

■ 190.9100,
-10.3086, -6.9371

■ 196.4790, -3.1941,
-2.1741

■ 202.0480, 3.9203,
2.5889

Harmonies

Analogous

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



163.9540, -80.8293, 25.4733



152.3400, -59.8206, -39.7632



135.9070, -9.8142, -119.1904

Triad

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



152.3400, -59.8206, -39.7632



147.0570, 53.2159, -128.9690



147.2010, 5.8169, 94.5397

Complementary

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



152.3400, -59.8206, -39.7632



77.6600, 59.8206, 39.7632

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.



165.4850, 35.2569, 78.5047



152.3400, -59.8206, -39.7632



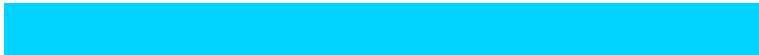
134.7300, 59.2931, -118.1582

Square

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



152.3400, -59.8206, -39.7632



152.9270, 50.3220, -134.1170



176.0670, 38.9140, 25.3742



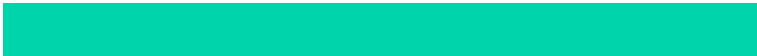
153.3260, -34.1777, 89.1681

Rectangle

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



152.3400, -59.8206, -39.7632



143.8240, 12.9048, -126.1336



176.0670, 38.9140, 25.3742



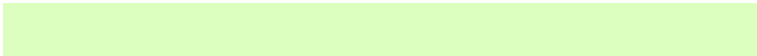
150.1650, 17.1737, 91.9403

Sweetspot

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



152.3400, -59.8206, -39.7632



237.2390, -22.7958, -15.1186



134.0620, -50.8096, 56.9506



117.2750, -13.9396, -9.0112



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.



152.3400, -59.8206, -39.7632



184.0700, -90.7465, -60.5744



130.3000, -45.9969, -87.0861



96.4790, -3.1941, -2.1741



117.8070, -58.0789, -38.4187



25.9160, -12.7766, -8.6963

Inverse Universe

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



77.6600, 59.8206, 39.7632



70.9300, 90.7465, 60.5744



99.7000, 45.9969, 87.0861



92.5210, 3.1941, 2.1741



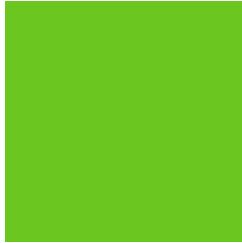
45.1930, 58.0789, 38.4187



10.0840, 12.7766, 8.6963

Previews

White Background



This preview shows how the YUV color 152.3400, -59.8206, -39.7632 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 152.3400, -59.8206, -39.7632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

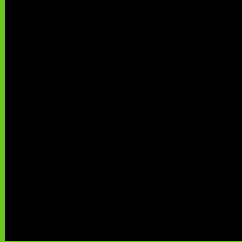
Any Text WCAG AA ✓ Pass

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 152.3400, -59.8206, -39.7632 Background



This preview shows how black text looks on a background with the YUV color 152.3400, -59.8206, -39.7632.



This preview shows how white text looks on a background with the YUV color 152.3400, -59.8206, -39.7632.

-39.7632.

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

152.3400, -59.8206, -39.7632

Protanopia

165.8370, -69.9256, 28.2070

Deuteranopia

169.8080, -59.0653, 44.8954



Tritanopia

170.8630, 14.3645, -34.0829

Trichromacy



Original Color

152.3400, -59.8206, -39.7632

Protanomaly

161.0080, -66.0659, 3.5010

Deuteranomaly

163.7950, -59.5519, 14.2118

Tritanomaly

164.1530, -12.4004, -36.0912

Monochromacy



Original Color

152.3400, -59.8206, -39.7632

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1790, -21.7802, -14.1890

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.3400, -59.8206, -39.7632 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(107, 199, 31)` looks like.

```
.text, #text, p{  
    color:rgb(107, 199, 31)  
}
```

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(107, 199, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 199, 31) }
```

Border

The CSS property to change the border of an element to YUV 152.3400, -59.8206, -39.7632 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(107, 199, 31) }
```


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

```
.border{ border-color:rgb(107, 199, 31) }
```

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

Here you see how a box with a 4 pixel rgb(107, 199, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 199, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 199, 31);  
box-shadow:4px 4px 4px 4px rgb(107, 199,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 152.3400, -59.8206, -39.7632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 199, 31) }
```

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

```
.background{ background-color: rgb(107,  
199, 31) }
```

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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