

Converting Colors

YUV(148.6890, 51.9183,
-39.1923)

Have a look what the booklet for
YUV(148.6890, 51.9183, -39.1923)
contains.

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Color

**YUV(148.6890, 51.9183,
-39.1923)**

Conversions

Conversions Part 1

Format	Color
Hex	6897FE
RGB	104, 151, 254
RGB Percent	41%, 59%, 100%
CMY	0.5922, 0.4078, 0.0039
CMYK	0.59, 0.41, 0.00, 0.00
HSL	221°, 99%, 70%
HSV	221°, 59%, 100%
XYZ	34.6649, 32.2320, 98.1603
YIQ	148.6890, -61.0750, 22.0690

Conversions

Conversions Part 2

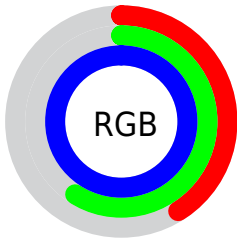
Format	Color
RYB	104, 140, 254
Decimal	6854654
CIELab	63.53, 14.42, -56.08
CIElCh	64, 57.902, 284.416
Yxy	32.2320, 0.2100, 0.1953
Android (android.graphics.Color)	4285044734 (0xFF6897FE)
YUV	148.6890, 51.9183, -39.1923
Hunter-Lab	56.7733, 9.6363, -62.7704

Details

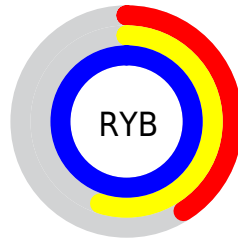
The YUV color **148.6890, 51.9183, -39.1923** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **209.3110, -51.9183, 39.1923**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.7400, 27.7362, -29.5900**, and **90.1170, 52.6933, -54.4766** is the 20% darker color. If you saturate the color by 10%, you get **131.2350, 60.5231, -45.8101**, and if you desaturate by 10%, it is **166.1430, 43.3135, -32.5744**.

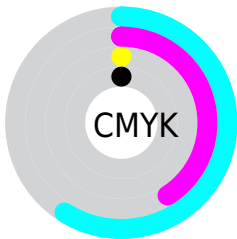
Distribution



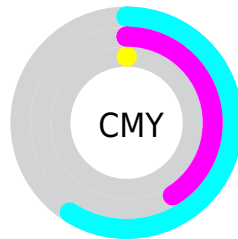
- Red (41%)
- Green (59%)
- Blue (100%)



- Red (41%)
- Yellow (55%)
- Blue (100%)



- Cyan (59%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.6890, 51.9183, -39.1923 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 148.6890, 51.9183, -39.1923 by changing the saturation by 10% instead.

■ 148.6890, 51.9183,
-39.1923

■ 148.6890, 51.9183,
-39.1923

255.0000, 0.0000,
0.0000

■ 120.2540, 51.6398,
-43.1958

■ 198.7400, 27.7362,
-29.5900

■ 90.1170, 52.6933,
-54.4766

■ 224.1460, 15.2110,
-25.5610

■ 64.4650, 51.5358,
-56.5358

■ 246.0300, 4.4222,
-18.4433

■ 48.4730, 46.1088,
-42.5108

■ 33.7690, 40.5399,
-29.6154

■ 18.5920, 35.6971,
-16.3052

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 148.6890, 51.9183,
-39.1923

■ 148.6890, 51.9183,
-39.1923

■ 131.2350, 60.5231,
-45.8101

■ 166.1430, 43.3135,
-32.5744

■ 112.8950, 69.5648,
-52.5279

■ 184.4830, 34.2719,
-25.8566

■ 95.4410, 78.1696,
-59.1458

■ 201.9370, 25.6671,
-19.2387

■ 77.1010, 87.2112,
-65.8636

■ 220.2770, 16.6254,
-12.5209

■ 75.9160, 87.7954,
-66.5783

■ 237.7310, 8.0206,
-5.9031

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



126.8710, 62.1816, -111.2659



148.6890, 51.9183, -39.1923



158.8130, 34.1092, 26.4740

Triad

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



148.6890, 51.9183, -39.1923



151.1670, -33.1133, 74.3985



118.0350, 2.9407, -103.5167

Complementary

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



148.6890, 51.9183, -39.1923



209.3110, -51.9183, 39.1923

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.



138.6420, -30.8825, -34.7660



148.6890, 51.9183, -39.1923



149.9360, -49.7614, 47.4141

Square

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



148.6890, 51.9183, -39.1923



152.1940, -10.4486, 84.8989



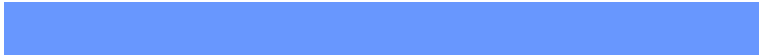
145.7050, -49.6476, 10.7827



125.3650, 25.9491, -109.9451

Rectangle

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



148.6890, 51.9183, -39.1923



157.4550, 20.4817, 57.4830



145.7050, -49.6476, 10.7827



124.7790, -8.7650, -82.2442

Sweetspot

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



148.6890, 51.9183, -39.1923



222.4620, 16.0412, -11.8062



203.7920, 1.5815, -87.5176



107.5890, 10.0626, -7.5326



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.



148.6890, 51.9183, -39.1923



128.0930, 62.5652, -47.4396



129.4720, 61.3923, 2.2171



118.8300, 4.5208, -3.3589



56.9940, 66.0650, -49.9837



19.0360, 22.1673, -16.6946

Inverse Universe

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



154.2080, -1.5815, 87.5176



134.6170, -1.7832, 105.5759



228.8270, -61.5397, -1.6023



119.3430, -0.1691, 7.5922



63.9490, -1.9469, 111.4237



21.4160, -0.6981, 37.3462

Previews

White Background



This preview shows how the YUV color 148.6890, 51.9183, -39.1923 looks on a white background.

Color Contrast Check

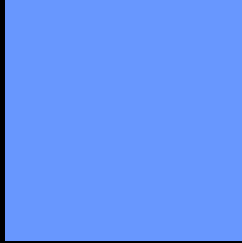
Large Text (above 18pt) WCAG AA × Fail

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 148.6890, 51.9183, -39.1923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

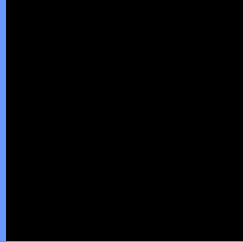
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.6890, 51.9183, -39.1923

Background



This preview shows how black text looks on a background with the YUV color 148.6890, 51.9183, -39.1923.



This preview shows how white text looks on a background with the YUV color 148.6890, 51.9183, -39.1923.

-39.1923.

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

148.6890, 51.9183, -39.1923

Protanopia

150.0810, 50.7391, -34.2740

Deuteranopia

145.5520, 52.9719, -50.4731



Tritanopia

140.0770, 19.6820, -59.7035

Trichromacy



Original Color

148.6890, 51.9183, -39.1923

Protanomaly

149.1840, 51.1813, -36.1184

Deuteranomaly

146.7590, 52.3768, -46.2696

Tritanomaly

143.2210, 31.4430, -51.9368

Monochromacy



Original Color

148.6890, 51.9183, -39.1923

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1350, 18.6674, -14.1504

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6890, 51.9183, -39.1923 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(104, 151, 254)` looks like.

```
.text, #text, p{  
    color:rgb(104, 151, 254)  
}
```

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(104, 151, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 151, 254) }
```

Border

The CSS property to change the border of an element to YUV 148.6890, 51.9183, -39.1923 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(104, 151, 254) }
```


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

```
.border{ border-color:rgb(104, 151, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 151, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 151, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 151, 254);  
box-shadow:4px 4px 4px 4px rgb(104, 151,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 148.6890, 51.9183, -39.1923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 151, 254) }
```

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

```
.background{ background-color: rgb(104,  
151, 254) }
```

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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