

Converting Colors

YUV(151.6850, 44.5253,
-47.9587)

Have a look what the booklet for
YUV(151.6850, 44.5253, -47.9587)
contains.

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Color

**YUV(151.6850, 44.5253,
-47.9587)**

Conversions

Conversions Part 1

Format	Color
Hex	61A2F2
RGB	97, 162, 242
RGB Percent	38%, 64%, 95%
CMY	0.6196, 0.3647, 0.0510
CMYK	0.60, 0.33, 0.00, 0.05
HSL	213°, 85%, 66%
HSV	213°, 60%, 95%
XYZ	33.8771, 34.7929, 88.9346
YIQ	151.6850, -64.4200, 11.1000

Conversions

Conversions Part 2

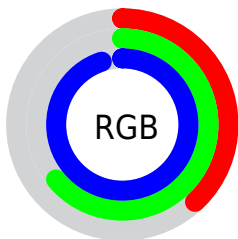
Format	Color
R_{YB}	97, 142, 242
Decimal	6398706
CIE Lab	65.59, 2.84, -46.29
CIE LCh	66, 46.373, 273.511
Yxy	34.7929, 0.2150, 0.2208
Android (android.graphics.Color)	4284588786 (0xFF61A2F2)
YUV	151.6850, 44.5253, -47.9587
Hunter-Lab	58.9855, -0.7067, -48.1039

Details

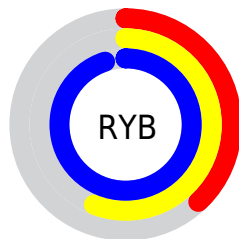
The YUV color **151.6850, 44.5253, -47.9587** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **187.3150, -44.5253, 47.9587**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6910, 25.2953, -40.0710**, and **91.0310, 46.3267, -65.8022** is the 20% darker color. If you saturate the color by 10%, you get **136.8780, 51.8251, -56.0210**, and if you desaturate by 10%, it is **166.4920, 37.2254, -39.8965**.

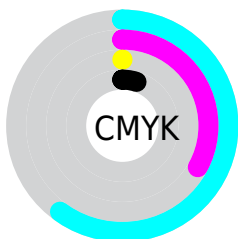
Distribution



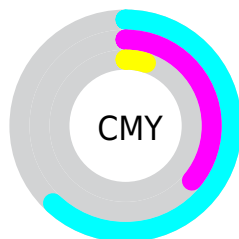
- Red (38%)
- Green (64%)
- Blue (95%)



- Red (38%)
- Yellow (56%)
- Blue (95%)



- Cyan (60%)
- Magenta (33%)
- Yellow (0%)
- Black (5%)



- Cyan (62%)
- Magenta (36%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6850, 44.5253, -47.9587 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 151.6850, 44.5253, -47.9587 by changing the saturation by 10% instead.

■ 151.6850, 44.5253,
-47.9587

■ 151.6850, 44.5253,
-47.9587

255.0000, 0.0000,
0.0000

■ 123.2500, 44.2468,
-51.9622

■ 203.6910, 25.2953,
-40.0710

■ 91.0310, 46.3267,
-65.8022

■ 228.7980, 12.9176,
-36.6568

■ 69.0810, 43.8371,
-60.5840

■ 243.6380, 5.6015,
-23.3615

■ 52.6160, 39.1363,
-46.1442

■ 252.9070, 1.0318,
-4.3034

■ 37.3250, 33.8568,
-32.7340

■ 22.7350, 28.7246,
-19.9386

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 151.6850, 44.5253,
-47.9587

■ 151.6850, 44.5253,
-47.9587

■ 136.8780, 51.8251,
-56.0210

■ 166.4920, 37.2254,
-39.8965

■ 121.4840, 59.4144,
-63.5685

■ 181.8860, 29.6362,
-32.3490

■ 106.3780, 66.8616,
-72.2455

■ 196.9920, 22.1889,
-23.6720

■ 91.5710, 74.1615,
-80.3078

■ 211.7990, 14.8891,
-15.6097

■ 90.9840, 74.4509,
-79.7930

■ 227.1930, 7.2999,
-8.0623

■ 242.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



128.1130, 51.7093, -112.3551



151.6850, 44.5253, -47.9587



162.9260, 32.5745, 5.3269

Triad

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



151.6850, 44.5253, -47.9587



159.7990, -21.5929, 65.9513



142.4990, -10.5990, -53.9346

Complementary

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



151.6850, 44.5253, -47.9587



187.3150, -44.5253, 47.9587

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.



150.3720, -31.2424, -12.6042



151.6850, 44.5253, -47.9587



158.2040, -36.0896, 48.9331

Square

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



151.6850, 44.5253, -47.9587



161.1360, -2.5320, 65.6557



155.5890, -40.2234, 21.4084



124.8290, 18.8183, -109.4750

Rectangle

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



151.6850, 44.5253, -47.9587



164.0560, 22.1574, 33.2769



155.5890, -40.2234, 21.4084



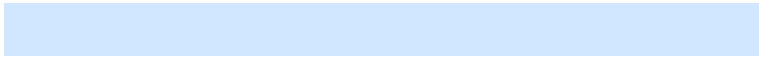
146.1220, -18.7941, -38.6950

Sweetspot

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



151.6850, 44.5253, -47.9587



226.5710, 14.0155, -15.4098



191.2350, -7.0179, -82.6441



109.9370, 8.9051, -9.5917



0.0000, 0.0000, 0.0000



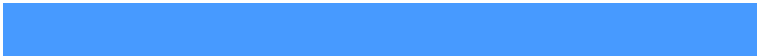
128.0000, 0.0000, 0.0000

Same Dimension

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



151.6850, 44.5253, -47.9587



140.6970, 56.3514, -61.1243



115.6230, 62.3039, -10.1934



112.3030, 3.7946, -3.7737



69.1100, 56.6408, -60.6095



21.0590, 17.2259, -18.4687

Inverse Universe

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



147.7650, 7.0179, 82.6441



135.4780, 9.1313, 104.8208



223.3770, -62.3039, 10.1934



112.1580, 0.4151, 6.8774



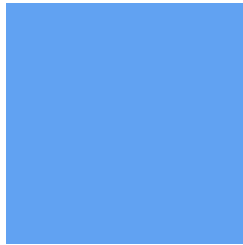
64.3640, 8.6945, 104.9208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 151.6850, 44.5253, -47.9587 looks on a white background.

Color Contrast Check

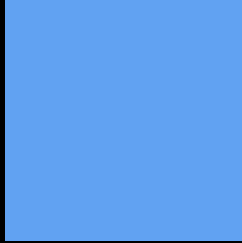
Large Text (above 18pt) WCAG AA × Fail

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 151.6850, 44.5253, -47.9587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

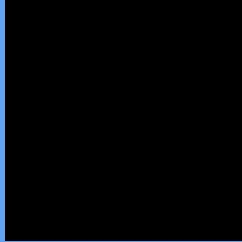
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

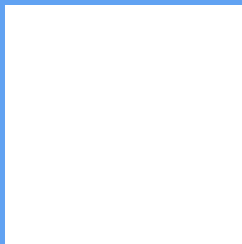
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.6850, 44.5253, -47.9587

Background



This preview shows how black text looks on a background with the YUV color 151.6850, 44.5253, -47.9587.



This preview shows how white text looks on a background with the YUV color 151.6850, 44.5253, -47.9587.

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

151.6850, 44.5253, -47.9587

Protanopia

157.7590, 39.0658, -23.4676

Deuteranopia

155.4310, 43.1715, -33.7040



Tritanopia

144.3970, 21.0033, -63.4922

Trichromacy



Original Color

151.6850, 44.5253, -47.9587

Protanomaly

155.5730, 41.1295, -32.0745

Deuteranomaly

153.9250, 43.9140, -38.5222

Tritanomaly

147.0200, 29.5701, -57.8995

Monochromacy



Original Color

151.6850, 44.5253, -47.9587

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1300, 16.2049, -17.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6850, 44.5253, -47.9587 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(97, 162, 242)` looks like.

```
.text, #text, p{  
    color:rgb(97, 162, 242)  
}
```

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(97, 162, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 162, 242) }
```

Border

The CSS property to change the border of an element to YUV 151.6850, 44.5253, -47.9587 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(97, 162, 242) }
```


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

```
.border{ border-color:rgb(97, 162, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 162, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 162, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 162, 242);  
box-shadow:4px 4px 4px 4px rgb(97, 162,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 151.6850, 44.5253, -47.9587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 162, 242) }
```

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

```
.background{ background-color: rgb(97, 162,  
242) }
```

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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