

Converting Colors

YUV(148.1000, 38.4047,
-44.8147)

Have a look what the booklet for
YUV(148.1000, 38.4047, -44.8147)
contains.

YUV(148.1000, 38.4047, -44.8147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(148.1000, 38.4047,
-44.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	619FE2
RGB	97, 159, 226
RGB Percent	38%, 62%, 89%
CMY	0.6196, 0.3765, 0.1137
CMYK	0.57, 0.30, 0.00, 0.11
HSL	211°, 69%, 63%
HSV	211°, 57%, 89%
XYZ	31.0554, 32.8286, 76.6513
YIQ	148.1000, -58.4590, 7.6930

Conversions

Conversions Part 2

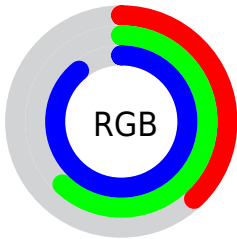
Format	Color
R _Y B	97, 139, 226
Decimal	6397922
CIE Lab	64.02, -0.54, -39.95
CIE LCh	64, 39.951, 269.220
Yxy	32.8286, 0.2210, 0.2336
Android (android.graphics.Color)	4284588002 (0xFF619FE2)
YUV	148.1000, 38.4047, -44.8147
Hunter-Lab	57.2963, -3.5191, -39.2111

Details

The YUV color **148.1000, 38.4047, -44.8147** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **174.9000, -38.4047, 44.8147**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7450, 26.7477, -39.2414**, and **90.8490, 39.0214, -55.9956** is the 20% darker color. If you saturate the color by 10%, you get **134.1790, 45.2678, -52.7770**, and if you desaturate by 10%, it is **162.0210, 31.5416, -36.8524**.

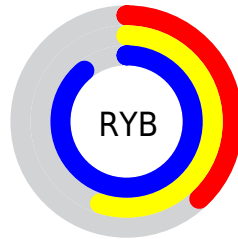
Distribution



Red (38%)

Green (62%)

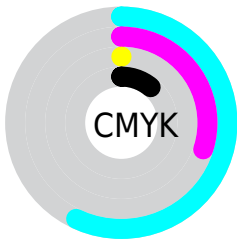
Blue (89%)



Red (38%)

Yellow (55%)

Blue (89%)

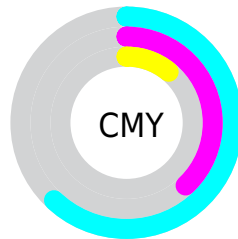


Cyan (57%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (62%)

Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.1000, 38.4047, -44.8147 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 148.1000, 38.4047, -44.8147 by changing the saturation by 10% instead.

■ 148.1000, 38.4047,
-44.8147

■ 148.1000, 38.4047,
-44.8147

■ 255.0000, 0.0000,
0.0000

■ 120.3770, 38.2681,
-47.6886

■ 200.7450, 26.7477,
-39.2414

■ 90.8490, 39.0214,
-55.9956

■ 226.4390, 14.0806,
-36.3420

■ 65.7240, 38.5901,
-57.6399

■ 243.0400, 5.8963,
-24.5911

■ 49.2590, 33.8893,
-43.2001

■ 252.0100, 1.4741,
-6.1478

■ 34.0820, 29.0466,
-29.8899

■ 19.0190, 24.6406,
-16.6797

■ 7.0050, 19.2245,

-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 148.1000, 38.4047,
-44.8147

■ 148.1000, 38.4047,
-44.8147

■ 134.1790, 45.2678,
-52.7770

■ 162.0210, 31.5416,
-36.8524

■ 121.1440, 51.6940,
-60.6393

■ 175.0560, 25.1154,
-28.9901

■ 107.2230, 58.5571,
-68.6016

■ 188.9770, 18.2523,
-21.0278

■ 93.6010, 65.2727,
-75.9491

■ 202.5990, 11.5367,
-13.6803

■ 89.7470, 67.1727,
-78.7081

■ 216.5200, 4.6736,
-5.7180

■ 229.8540, -1.9000,
2.7590

■ 243.4760, -8.6157,
10.1065

■ 250.5200,
-12.0884, 3.9290

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



123.2400, 45.7307, -108.0815



148.1000, 38.4047, -44.8147



157.3830, 29.3912, -0.3359

Triad

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



148.1000, 38.4047, -44.8147



156.5960, -17.0558, 57.3593



142.7290, -12.6844, -38.3503

Complementary

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



148.1000, 38.4047, -44.8147



174.9000, -38.4047, 44.8147

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.



148.5130, -28.3539, -5.7119



148.1000, 38.4047, -44.8147



154.9030, -29.5322, 45.6891

Square

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



148.1000, 38.4047, -44.8147



158.5260, -0.7523, 54.7897



152.4950, -34.2610, 22.3679



130.6430, 11.0220, -82.1249

Rectangle

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



148.1000, 38.4047, -44.8147



159.3600, 21.0215, 24.2403



152.4950, -34.2610, 22.3679



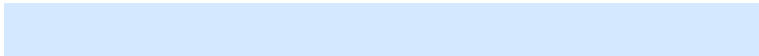
145.4870, -18.9741, -27.6141

Sweetspot

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



148.1000, 38.4047, -44.8147



228.6420, 12.9945, -14.5950



180.3610, -8.0660, -73.1076



112.0080, 7.8841, -8.7770



0.0000, 0.0000, 0.0000



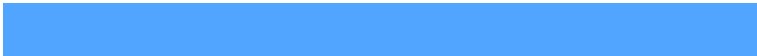
128.0000, 0.0000, 0.0000

Same Dimension

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



148.1000, 38.4047, -44.8147



150.4430, 51.5466, -60.0245



112.3040, 56.0521, -11.6676



105.1890, 3.3578, -3.6738



69.9590, 52.2782, -61.3540



18.9730, 14.3103, -16.6393

Inverse Universe

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



142.6390, 8.0660, 73.1076



143.1890, 10.7528, 98.0582



210.6960, -56.0521, 11.6676



104.8590, 0.5625, 6.2627



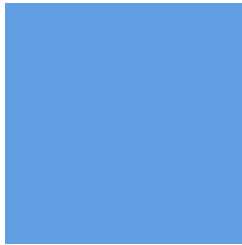
62.3140, 11.1842, 99.7026



16.9740, 2.9708, 27.2098

Previews

White Background



This preview shows how the YUV color 148.1000, 38.4047, -44.8147 looks on a white background.

Color Contrast Check

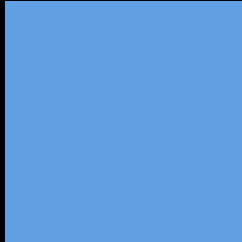
Large Text (above 18pt) WCAG AA × Fail

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 148.1000, 38.4047, -44.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

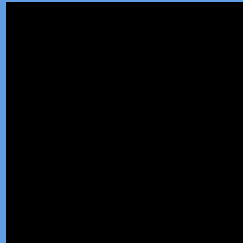
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.1000, 38.4047, -44.8147

Background



This preview shows how black text looks on a background with the YUV color 148.1000, 38.4047, -44.8147.

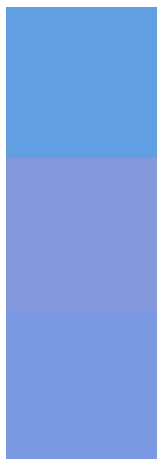


This preview shows how white text looks on a background with the YUV color 148.1000, 38.4047, -44.8147.

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

148.1000, 38.4047, -44.8147

Protanopia

154.0710, 32.5030, -18.4793

Deuteranopia

152.4660, 36.7453, -25.8417



Tritanopia

142.8710, 18.7976, -56.0149

Trichromacy



Original Color

148.1000, 38.4047, -44.8147

Protanomaly

152.1730, 34.4247, -28.2157

Deuteranomaly

150.9490, 37.4931, -32.4043

Tritanomaly

145.0270, 25.6227, -51.7667

Monochromacy



Original Color

148.1000, 38.4047, -44.8147

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.8590, 13.8735, -16.5393

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.1000, 38.4047, -44.8147 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, 159, 226)` looks like.

```
.text, #text, p{  
    color:rgb(97, 159, 226)  
}
```

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, 159, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 159, 226) }
```

Border

The CSS property to change the border of an element to YUV 148.1000, 38.4047, -44.8147 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, 159, 226) }
```


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

```
.border{ border-color:rgb(97, 159, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 159, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 159, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 159, 226);  
box-shadow:4px 4px 4px 4px rgb(97, 159,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 148.1000, 38.4047, -44.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 159, 226) }
```

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

```
.background{ background-color: rgb(97, 159,  
226) }
```

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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