

Converting Colors

YUV(138.1850, 46.2508,
-41.3812)

Have a look what the booklet for
YUV(138.1850, 46.2508, -41.3812)
contains.

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Color

**YUV(138.1850, 46.2508,
-41.3812)**

Conversions

Conversions Part 1

Format	Color
Hex	5B90E8
RGB	91, 144, 232
RGB Percent	36%, 56%, 91%
CMY	0.6431, 0.4353, 0.0902
CMYK	0.61, 0.38, 0.00, 0.09
HSL	217°, 75%, 63%
HSV	217°, 61%, 91%
XYZ	28.8531, 27.9969, 80.2271
YIQ	138.1850, -59.8360, 16.1320

Conversions

Conversions Part 2

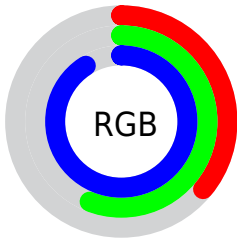
Format	Color
R_{YB}	91, 130, 232
Decimal	6000872
CIE _{Lab}	59.89, 8.94, -49.80
CIE _{LCh}	60, 50.600, 280.180
Yxy	27.9969, 0.2105, 0.2042
Android (android.graphics.Color)	4284190952 (0xFF5B90E8)
YUV	138.1850, 46.2508, -41.3812
Hunter-Lab	52.9121, 4.7406, -52.8592

Details

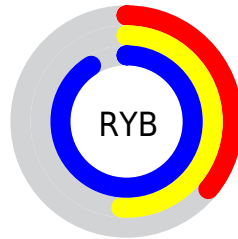
The YUV color **138.1850, 46.2508, -41.3812** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **184.8150, -46.2508, 41.3812**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8580, 32.1150, -34.0785**, and **75.5410, 49.5263, -65.3725** is the 20% darker color. If you saturate the color by 10%, you get **123.0900, 53.6926, -48.3139**, and if you desaturate by 10%, it is **153.2800, 38.8090, -34.4486**.

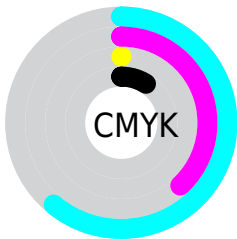
Distribution



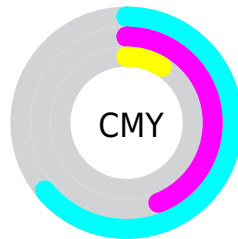
- Red (36%)
- Green (56%)
- Blue (91%)



- Red (36%)
- Yellow (51%)
- Blue (91%)



- Cyan (61%)
- Magenta (38%)
- Yellow (0%)
- Black (9%)



- Cyan (64%)
- Magenta (44%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.1850, 46.2508, -41.3812 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 138.1850, 46.2508, -41.3812 by changing the saturation by 10% instead.

■ 138.1850, 46.2508,
-41.3812

■ 138.1850, 46.2508,
-41.3812

255.0000, 0.0000,
0.0000

■ 110.4510, 46.1197,
-45.9995

■ 189.8580, 32.1150,
-34.0785

■ 75.5410, 49.5263,
-65.3725

■ 215.2640, 19.5898,
-30.0495

■ 58.6630, 44.5361,
-51.4475

■ 241.2570, 6.7753,
-26.5354

■ 42.6710, 39.1092,
-37.4225

■ 250.8140, 2.0637,
-8.6069

■ 28.6680, 33.6877,
-25.1418

■ 9.4960, 31.3075,
-8.3280

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 138.1850, 46.2508,
-41.3812

■ 138.1850, 46.2508,
-41.3812

■ 123.0900, 53.6926,
-48.3139

■ 153.2800, 38.8090,
-34.4486

■ 107.4080, 61.4239,
-54.7318

■ 168.9620, 31.0777,
-28.0307

■ 92.0140, 69.0131,
-62.2793

■ 184.3560, 23.4885,
-20.4832

■ 77.5170, 76.1601,
-67.9824

■ 200.0380, 15.7573,
-14.0653

■ 215.1330, 8.3154,
-7.1326

■ 230.8150, 0.5842,
-0.7148

■ 245.9100, -6.8576,
6.2179

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



118.1510, 54.1556, -103.6184



138.1850, 46.2508, -41.3812



148.1770, 31.9577, 16.5078

Triad

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



138.1850, 46.2508, -41.3812



143.1320, -26.6871, 66.5362



115.6140, -1.7817, -82.0995

Complementary

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



138.1850, 46.2508, -41.3812



184.8150, -46.2508, 41.3812

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.



132.7620, -29.4627, -23.4703



138.1850, 46.2508, -41.3812



141.3300, -40.5887, 45.3146

Square

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



138.1850, 46.2508, -41.3812



144.4420, -6.6269, 72.4034



138.4480, -43.1119, 14.5161



115.5680, 21.4120, -101.3531

Rectangle

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



138.1850, 46.2508, -41.3812



148.5520, 19.9409, 44.2429



138.4480, -43.1119, 14.5161



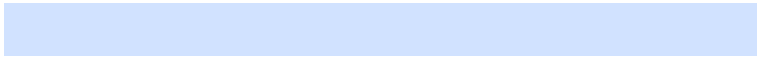
125.6900, -13.6512, -54.9791

Sweetspot

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



138.1850, 46.2508, -41.3812



224.2230, 15.1731, -13.3506



183.6850, -2.8027, -81.2847



108.7630, 9.4838, -8.5622



0.0000, 0.0000, 0.0000



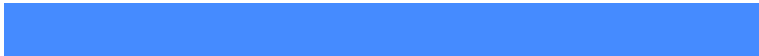
128.0000, 0.0000, 0.0000

Same Dimension

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



138.1850, 46.2508, -41.3812



131.2940, 60.9871, -54.6318



111.8580, 59.2300, -4.2605



107.3030, 3.7946, -3.7737



59.7350, 58.7976, -52.3876



16.9670, 16.7783, -14.8801

Inverse Universe

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



139.2010, 2.3659, 81.3847



132.5940, 3.1582, 107.3501



211.1420, -59.2300, 4.2605



107.1580, 0.4151, 6.8774



61.1590, 2.8796, 103.3466



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 138.1850, 46.2508, -41.3812 looks on a white background.

Color Contrast Check

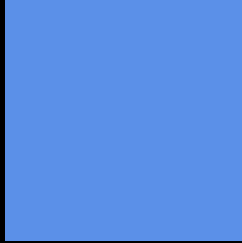
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.1850, 46.2508, -41.3812 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

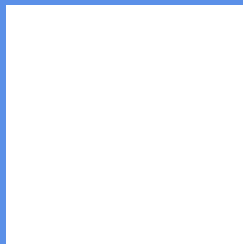
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 138.1850, 46.2508, -41.3812

Background



This preview shows how black text looks on a background with the YUV color 138.1850, 46.2508, -41.3812.



This preview shows how white text looks on a background with the YUV color 138.1850, 46.2508, -41.3812.

-41.3812.

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

138.1850, 46.2508, -41.3812

Protanopia

141.7630, 43.0078, -27.8562

Deuteranopia

138.1850, 46.2508, -41.3812



Tritanopia

130.0770, 19.6820, -59.7035

Trichromacy



Original Color

138.1850, 46.2508, -41.3812

Protanomaly

140.3710, 44.1871, -32.7744

Deuteranomaly

138.1850, 46.2508, -41.3812

Tritanomaly

133.0530, 29.5539, -52.6665

Monochromacy



Original Color

138.1850, 46.2508, -41.3812

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.9670, 16.7783, -14.8801

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1850, 46.2508, -41.3812 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(91, 144, 232)` looks like.

```
.text, #text, p{  
    color:rgb(91, 144, 232)  
}
```

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(91, 144, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 144, 232) }
```

Border

The CSS property to change the border of an element to YUV 138.1850, 46.2508, -41.3812 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(91, 144, 232) }
```


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

```
.border{ border-color:rgb(91, 144, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 144, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 144, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 144, 232);  
box-shadow:4px 4px 4px 4px rgb(91, 144,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 138.1850, 46.2508, -41.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 144, 232) }
```

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

```
.background{ background-color: rgb(91, 144,  
232) }
```

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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