

Converting Colors

YUV(140.3880, 48.1227,
-81.9013)

Have a look what the booklet for
YUV(140.3880, 48.1227, -81.9013)
contains.

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Color

**YUV(140.3880, 48.1227,
-81.9013)**

Conversions

Conversions Part 1

Format	Color
Hex	2FA9EE
RGB	47, 169, 238
RGB Percent	18%, 66%, 93%
CMY	0.8157, 0.3373, 0.0667
CMYK	0.80, 0.29, 0.00, 0.07
HSL	202°, 85%, 56%
HSV	202°, 80%, 93%
XYZ	30.7929, 35.1533, 86.0512
YIQ	140.3880, -94.8610, -4.4050

Conversions

Conversions Part 2

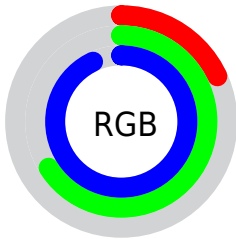
Format	Color
R_{YB}	47, 121, 238
Decimal	3123694
CIE _{Lab}	65.87, -9.47, -43.76
CIE _{LCh}	66, 44.773, 257.785
Yxy	35.1533, 0.2026, 0.2313
Android (android.graphics.Color)	4281313774 (0xFF2FA9EE)
YUV	140.3880, 48.1227, -81.9013
Hunter-Lab	59.2902, -11.0525, -44.5477

Details

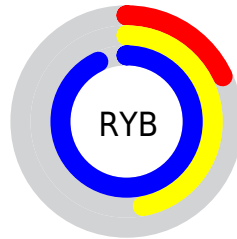
The YUV color **140.3880, 48.1227, -81.9013** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **144.6120, -48.1227, 81.9013**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0360, 28.5763, -65.8066**, and **89.4270, 45.6385, -78.4275** is the 20% darker color. If you saturate the color by 10%, you get **127.9290, 54.2650, -92.0227**, and if you desaturate by 10%, it is **152.8470, 41.9804, -71.7798**.

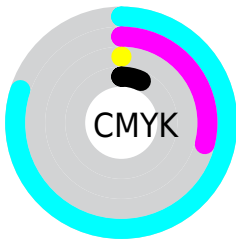
Distribution



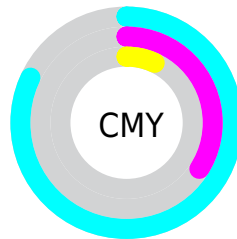
- Red (18%)
- Green (66%)
- Blue (93%)



- Red (18%)
- Yellow (47%)
- Blue (93%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (7%)



- Cyan (82%)
- Magenta (34%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.3880, 48.1227, -81.9013 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 140.3880, 48.1227, -81.9013 by changing the saturation by 10% instead.

■ 140.3880, 48.1227,
-81.9013

■ 140.3880, 48.1227,
-81.9013

■ 255.0000, 0.0000,
0.0000

■ 107.8810, 50.3447,
-94.6116

■ 197.0360, 28.5763,
-65.8066

■ 89.4270, 45.6385,
-78.4275

■ 223.6270, 15.4669,
-61.0629

■ 72.2610, 40.7903,
-63.3729

■ 234.3690, 10.1711,
-42.4196

■ 55.0950, 35.9422,
-48.3183

■ 243.6380, 5.6015,
-23.3615

■ 39.3310, 31.3888,
-34.4933

■ 252.9070, 1.0318,
-4.3034

■ 25.3280, 25.9673,
-22.2127

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 140.3880, 48.1227,
-81.9013

■ 140.3880, 48.1227,
-81.9013

■ 127.9290, 54.2650,
-92.0227

■ 152.8470, 41.9804,
-71.7798

■ 116.3560, 59.9705,
-102.0442

■ 164.7190, 36.1275,
-61.1436

■ 176.8790, 30.1327,
-51.6369

■ 188.7510, 24.2798,
-41.0006

■ 201.2100, 18.1375,
-30.8792

■ 213.6690, 11.9952,
-20.7577

■ 225.5410, 6.1423,
-10.1215

■ 237.7010, 0.1474,
-0.6148

■ 247.7790, -4.8210,
6.3328

Harmonies

Analogous

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



128.7510, 43.9998, -112.9146



140.3880, 48.1227, -81.9013



159.4390, 37.7446, -19.6790

Triad

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



140.3880, 48.1227, -81.9013



161.7310, -11.6994, 66.0109



148.9660, -22.1682, -29.7882

Complementary

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



140.3880, 48.1227, -81.9013



144.6120, -48.1227, 81.9013

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.



154.2280, -36.1014, 5.9390



140.3880, 48.1227, -81.9013



160.2080, -28.6965, 57.6996

Square

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



140.3880, 48.1227, -81.9013



163.8880, 6.9572, 55.3492



157.9590, -37.9408, 35.9930



137.0970, 2.4172, -75.5071

Rectangle

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



140.3880, 48.1227, -81.9013



163.5740, 29.7900, 11.7746



157.9590, -37.9408, 35.9930



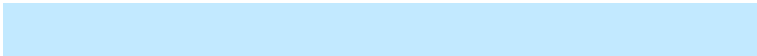
150.8490, -28.0266, -17.4076

Sweetspot

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



140.3880, 48.1227, -81.9013



223.8470, 15.3584, -26.1758



166.7550, -26.0082, -105.0251



108.7190, 9.5055, -15.5396



0.0000, 0.0000, 0.0000



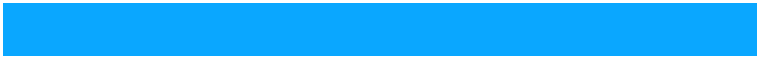
128.0000, 0.0000, 0.0000

Same Dimension

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



140.3880, 48.1227, -81.9013



130.0890, 61.5811, -105.3181



85.7970, 75.0361, -34.0250



114.0640, 2.9264, -5.3181



89.6550, 46.5121, -78.6274



27.5160, 14.0426, -24.1315

Inverse Universe

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



118.0170, 25.1346, 105.2251



101.1530, 32.4626, 134.9238



199.2030, -75.0361, 34.0250



112.5000, 1.7255, 6.5775



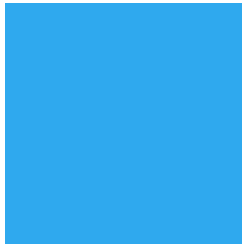
68.3540, 23.9825, 101.4215



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 140.3880, 48.1227, -81.9013 looks on a white background.

Color Contrast Check

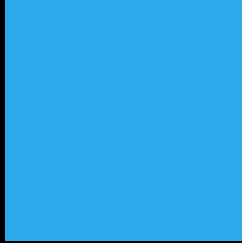
Large Text (above 18pt) WCAG AA × Fail

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 140.3880, 48.1227, -81.9013 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

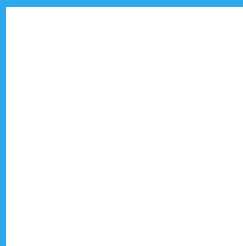
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.3880, 48.1227, -81.9013

Background



This preview shows how black text looks on a background with the YUV color 140.3880, 48.1227, -81.9013.

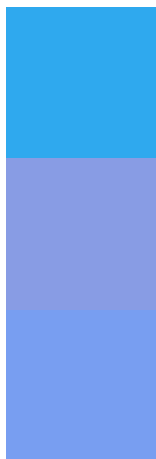


This preview shows how white text looks on a background with the YUV color 140.3880, 48.1227, -81.9013.

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

140.3880, 48.1227, -81.9013

Protanopia

158.2280, 34.3976, -19.4940

Deuteranopia

156.1000, 41.8557, -31.6597



Tritanopia

125.5590, 31.7694, -110.1152

Trichromacy



Original Color

140.3880, 48.1227, -81.9013

Protanomaly

152.0510, 39.4149, -42.1407

Deuteranomaly

150.2610, 44.2413, -50.2179

Tritanomaly

130.8190, 37.5572, -99.8193

Monochromacy



Original Color

140.3880, 48.1227, -81.9013

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.3950, 17.5533, -30.1644

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.3880, 48.1227, -81.9013 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(47, 169, 238)` looks like.

```
.text, #text, p{  
    color:rgb(47, 169, 238)  
}
```

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(47, 169, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 169, 238) }
```

Border

The CSS property to change the border of an element to YUV 140.3880, 48.1227, -81.9013 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(47, 169, 238) }
```


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

```
.border{ border-color:rgb(47, 169, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 169, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 169, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 169, 238);  
box-shadow:4px 4px 4px 4px rgb(47, 169,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 140.3880, 48.1227, -81.9013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 169, 238) }
```

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

```
.background{ background-color: rgb(47, 169,  
238) }
```

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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