

Converting Colors

YUV(181.8480, 27.1899,
-41.0857)

Have a look what the booklet for
YUV(181.8480, 27.1899, -41.0857)
contains.

YUV(181.8480, 27.1899, -41.0857)	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(181.8480, 27.1899,
-41.0857)**

Conversions

Conversions Part 1

Format	Color
Hex	87C3ED
RGB	135, 195, 237
RGB Percent	53%, 76%, 93%
CMY	0.4706, 0.2353, 0.0706
CMYK	0.43, 0.18, 0.00, 0.07
HSL	205°, 74%, 73%
HSV	205°, 43%, 93%
XYZ	44.7928, 50.2955, 87.4679
YIQ	181.8480, -49.2420, 0.3420

Conversions

Conversions Part 2

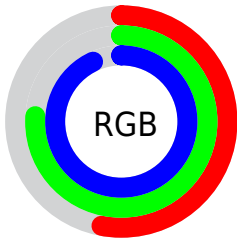
Format	Color
R _Y B	135, 173, 237
Decimal	8897517
CIE Lab	76.25, -8.53, -26.87
CIE LCh	76, 28.190, 252.383
Yxy	50.2955, 0.2454, 0.2755
Android (android.graphics.Color)	4287087597 (0xFF87C3ED)
YUV	181.8480, 27.1899, -41.0857
Hunter-Lab	70.9193, -11.3678, -23.4814

Details

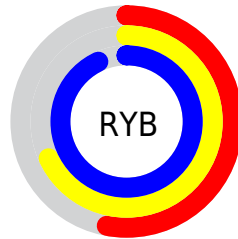
The YUV color **181.8480, 27.1899, -41.0857** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **190.1520, -27.1899, 41.0857**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4020, 10.1548, -37.1866**, and **127.0220, 26.6112, -42.1153** is the 20% darker color. If you saturate the color by 10%, you get **168.8020, 33.6216, -50.6924**, and if you desaturate by 10%, it is **194.8940, 20.7583, -31.4790**.

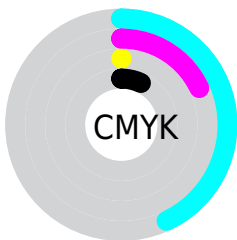
Distribution



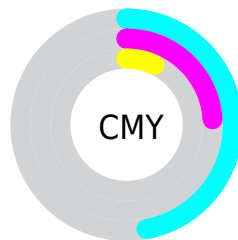
- Red (53%)
- Green (76%)
- Blue (93%)



- Red (53%)
- Yellow (68%)
- Blue (93%)



- Cyan (43%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.8480, 27.1899, -41.0857 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 181.8480, 27.1899, -41.0857 by changing the saturation by 10% instead.

■ 181.8480, 27.1899,
-41.0857

■ 181.8480, 27.1899,
-41.0857

255.0000, 0.0000,
0.0000

■ 154.4350, 26.9005,
-41.6005

■ 234.4020, 10.1548,
-37.1866

■ 127.0220, 26.6112,
-42.1153

■ 244.8340, 5.0118,
-20.9024

■ 100.2990, 26.4746,
-44.9892

■ 253.8040, 0.5896,
-2.4591

■ 69.5040, 28.8385,
-56.5700

■ 51.6580, 25.3116,
-45.3041

■ 36.0080, 21.1951,
-31.5790

■ 21.5320, 16.4997,

-18.8836

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 181.8480, 27.1899,
-41.0857

■ 181.8480, 27.1899,
-41.0857

■ 168.8020, 33.6216,
-50.6924

■ 194.8940, 20.7583,
-31.4790

■ 156.0550, 39.9059,
-59.6842

■ 207.6410, 14.4740,
-22.4872

■ 143.5960, 46.0482,
-69.8057

■ 220.1000, 8.3317,
-12.3657

■ 130.5500, 52.4799,
-79.4123

■ 233.1460, 1.9000,
-2.7590

■ 117.5040, 58.9115,
-89.0190

■ 245.8930, -4.3842,
6.2328

■ 108.6110, 63.2958,
-95.2518

■ 252.3610, -7.5730,
2.3144

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



176.7830, 22.2920, -56.8147



181.8480, 27.1899, -41.0857



188.1440, 25.0720, -15.0353

Triad

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



181.8480, 27.1899, -41.0857



191.5540, -6.6821, 43.3641



182.5580, -16.5441, -13.6444

Complementary

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



181.8480, 27.1899, -41.0857



190.1520, -27.1899, 41.0857

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.



185.7520, -24.0347, 8.9875



181.8480, 27.1899, -41.0857



189.9700, -17.7332, 41.2453

Square

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



181.8480, 27.1899, -41.0857



192.4030, 5.7173, 32.9726



188.1720, -24.2418, 28.7902



178.4440, -3.6699, -36.3464

Rectangle

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



181.8480, 27.1899, -41.0857



191.0000, 20.2130, 3.5080



188.1720, -24.2418, 28.7902



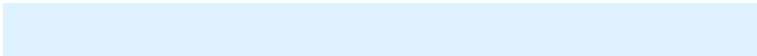
183.8040, -19.6234, -5.9671

Sweetspot

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



181.8480, 27.1899, -41.0857



236.9150, 8.9159, -13.0805



199.5480, -11.6092, -56.6086



116.4380, 5.7001, -8.2771



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.



181.8480, 27.1899, -41.0857



182.9480, 35.5216, -53.4514



152.4980, 41.6595, -15.3457



110.7760, 3.0684, -4.1886



83.4430, 48.0956, -73.1795



24.9400, 14.3266, -21.8724

Inverse Universe

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



172.3380, 11.1724, 56.7086



170.6590, 14.4651, 73.9671



219.5020, -41.6595, 15.3457



109.9730, 0.9993, 6.1627



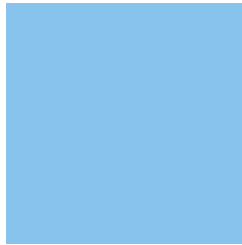
66.2030, 19.6199, 100.6770



19.6800, 5.5808, 30.0986

Previews

White Background



This preview shows how the YUV color 181.8480, 27.1899, -41.0857 looks on a white background.

Color Contrast Check

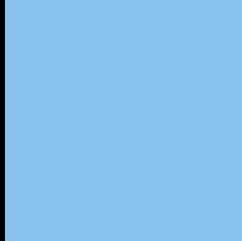
Large Text (above 18pt) WCAG AA × Fail

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 181.8480, 27.1899, -41.0857 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 181.8480, 27.1899, -41.0857 Background



This preview shows how black text looks on a background with the YUV color 181.8480, 27.1899, -41.0857.

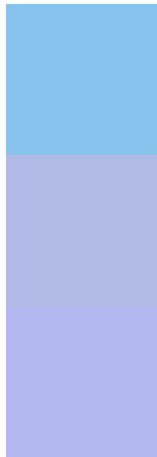


This preview shows how white text looks on a background with the YUV color 181.8480, 27.1899, -41.0857.

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

181.8480, 27.1899, -41.0857

Protanopia

187.7380, 20.8352, -9.4172

Deuteranopia

188.4760, 24.9083, -9.1875



Tritanopia

179.8940, 17.3073, -44.6340

Trichromacy



Original Color

181.8480, 27.1899, -41.0857

Protanomaly

185.9430, 23.1991, -20.9980

Deuteranomaly

185.9260, 25.6725, -20.9831

Tritanomaly

180.8170, 20.7962, -43.6895

Monochromacy



Original Color

181.8480, 27.1899, -41.0857

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.1320, 9.7949, -15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.8480, 27.1899, -41.0857 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(135, 195, 237)` looks like.

```
.text, #text, p{  
    color:rgb(135, 195, 237)  
}
```

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(135, 195, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 195, 237) }
```

Border

The CSS property to change the border of an element to YUV 181.8480, 27.1899, -41.0857 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(135, 195, 237) }
```


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

```
.border{ border-color:rgb(135, 195, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 195, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 195, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 195, 237); box-shadow:4px 4px 4px 4px rgb(135, 195, 237) }
```

Background

The CSS property to change the background color of an element to YUV 181.8480, 27.1899, -41.0857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 195, 237) }
```

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

```
.background{ background-color: rgb(135,  
195, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor