

Converting Colors

YUV(135.8480, 27.1899,
-41.0857)

Have a look what the booklet for
YUV(135.8480, 27.1899, -41.0857)
contains.

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Color

**YUV(135.8480, 27.1899,
-41.0857)**

Conversions

Conversions Part 1

Format	Color
Hex	5995BF
RGB	89, 149, 191
RGB Percent	35%, 58%, 75%
CMY	0.6510, 0.4157, 0.2510
CMYK	0.53, 0.22, 0.00, 0.25
HSL	205°, 44%, 55%
HSV	205°, 53%, 75%
XYZ	24.2712, 27.3803, 53.2959
YIQ	135.8480, -49.2420, 0.3420

Conversions

Conversions Part 2

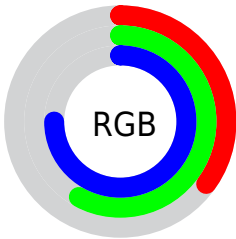
Format	Color
R_YB	89, 127, 191
Decimal	5871039
CIE _{Lab}	59.32, -7.46, -27.75
CIE _{LCh}	59, 28.734, 254.952
Yxy	27.3803, 0.2313, 0.2609
Android (android.graphics.Color)	4284061119 (0xFF5995BF)
YUV	135.8480, 27.1899, -41.0857
Hunter-Lab	52.3262, -8.7746, -23.7604

Details

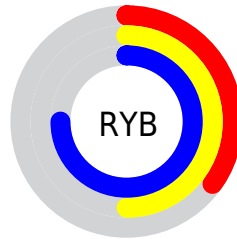
The YUV color **135.8480, 27.1899, -41.0857** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **144.1520, -27.1899, 41.0857**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7880, 28.2055, -40.1561**, and **80.9180, 27.6484, -48.1631** is the 20% darker color. If you saturate the color by 10%, you get **125.4710, 32.3058, -48.6481**, and if you desaturate by 10%, it is **146.2250, 22.0741, -33.5233**.

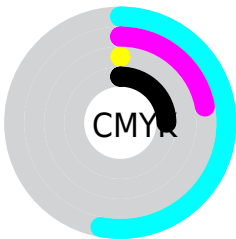
Distribution



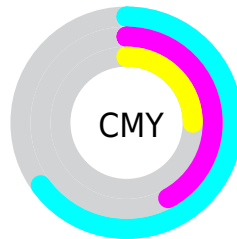
- Red (35%)
- Green (58%)
- Blue (75%)



- Red (35%)
- Yellow (50%)
- Blue (75%)



- Cyan (53%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.8480, 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 135.8480, 27.1899, -41.0857 by changing the saturation by 10% instead.

■ 135.8480, 27.1899,
-41.0857

■ 135.8480, 27.1899,
-41.0857

■ 255.0000, 0.0000,
0.0000

■ 108.8370, 27.1954,
-42.8300

■ 190.7880, 28.2055,
-40.1561

■ 80.9180, 27.6484,
-48.1631

■ 216.3940, 19.0328,
-38.0565

■ 56.7930, 27.2171,
-49.8075

■ 239.1530, 7.8126,
-32.5832

■ 40.4420, 22.9531,
-35.4676

■ 248.1230, 3.3904,
-14.1399

■ 25.4930, 18.9840,
-22.3574

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 135.8480, 27.1899,
-41.0857

■ 135.8480, 27.1899,
-41.0857

■ 125.4710, 32.3058,
-48.6481

■ 146.2250, 22.0741,
-33.5233

■ 115.0940, 37.4217,
-56.2104

■ 156.6020, 16.9582,
-25.9610

■ 104.7170, 42.5375,
-63.7728

■ 166.9790, 11.8424,
-18.3986

■ 94.9270, 47.3640,
-71.8500

■ 176.7690, 7.0159,
-10.3214

■ 87.5180, 51.0166,
-76.7533

■ 187.4450, 1.7526,
-2.1443

■ 197.8220, -3.3632,
5.4181

■ 208.1990, -8.4791,
12.9805

■ 218.5760,
-13.5950, 20.5428

■ 227.1590,
-17.8264, 24.4166

Harmonies

Analogous

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



128.3310, 24.4868, -60.8033



135.8480, 27.1899, -41.0857



142.8130, 23.7562, -12.9910

Triad

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



135.8480, 27.1899, -41.0857



145.4290, -7.1135, 41.7198



136.8890, -15.2283, -15.6887

Complementary

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



135.8480, 27.1899, -41.0857



144.1520, -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.



139.7840, -22.5715, 6.3284



135.8480, 27.1899, -41.0857



144.2470, -17.8698, 38.3714

Square

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



135.8480, 27.1899, -41.0857



146.2890, 5.2805, 33.0725



142.2640, -23.7942, 25.2015



132.8890, -1.9173, -38.4907

Rectangle

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



135.8480, 27.1899, -41.0857



145.6690, 18.8972, 5.5523



142.2640, -23.7942, 25.2015



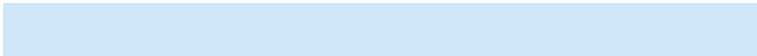
138.1350, -18.3076, -8.0114

Sweetspot

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



135.8480, 27.1899, -41.0857



225.9470, 10.3791, -15.7395



153.5480, -11.6092, -56.6086



111.9540, 6.4317, -9.6067



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



135.8480, 27.1899, -41.0857



161.6030, 42.1007, -63.6728



106.4980, 41.6595, -15.3457



88.9610, 2.4842, -3.4738



72.6030, 42.1007, -63.6728



14.1000, 8.3317, -12.3657

Inverse Universe

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



126.3380, 11.1724, 56.7086



146.8440, 17.3319, 87.8368



173.5020, -41.6595, 15.3457



88.2610, 0.8573, 5.0331



57.8440, 17.3319, 87.8368



11.3210, 3.2927, 17.2585

Previews

White Background



This preview shows how the YUV color 135.8480, 27.1899, -41.0857 looks on a white background.

Color Contrast Check

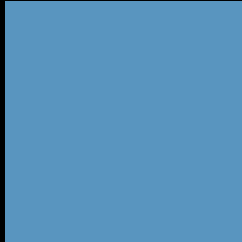
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8480, 27.1899, -41.0857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

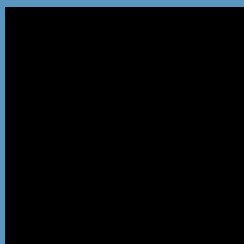
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

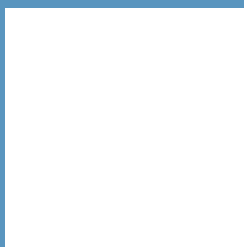
Any Text WCAG AAA × Fail

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

YUV 135.8480, 27.1899, -41.0857 Background



This preview shows how black text looks on a background with the YUV color 135.8480, 27.1899, -41.0857.



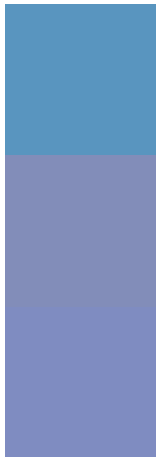
This preview shows how white text looks on a background with the YUV color 135.8480, 27.1899, -41.0857.

-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

135.8480, 27.1899, -41.0857

Protanopia

142.7270, 20.8406, -11.1616

Deuteranopia

142.1550, 25.0666, -13.2909



Tritanopia

133.2420, 16.1497, -46.6932

Trichromacy



Original Color

135.8480, 27.1899, -41.0857

Protanomaly

140.2310, 23.0571, -22.1276

Deuteranomaly

139.6160, 25.8253, -23.3422

Tritanomaly

133.9910, 20.2174, -44.7191

Monochromacy



Original Color

135.8480, 27.1899, -41.0857

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.1320, 9.7949, -15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8480, 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(89, 149, 191)` looks like.

```
.text, #text, p{  
    color:rgb(89, 149, 191)  
}
```

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(89, 149, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 149, 191) }
```

Border

The CSS property to change the border of an element to YUV 135.8480, 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(89, 149, 191) }
```


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

```
.border{ border-color:rgb(89, 149, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 149, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 149, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 149, 191);  
box-shadow:4px 4px 4px 4px rgb(89, 149,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 135.8480, 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(89, 149, 191) }
```

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

```
.background{ background-color: rgb(89, 149,  
191) }
```

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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