

Converting Colors

YUV(117.8480, 27.1899,
-41.0857)

Have a look what the booklet for
YUV(117.8480, 27.1899, -41.0857)
contains.

YUV(117.8480, 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(117.8480, 27.1899,
-41.0857)**

Conversions

Conversions Part 1

Format	Color
Hex	4783AD
RGB	71, 131, 173
RGB Percent	28%, 51%, 68%
CMY	0.7216, 0.4863, 0.3216
CMYK	0.59, 0.24, 0.00, 0.32
HSL	205°, 42%, 48%
HSV	205°, 59%, 68%
XYZ	18.2577, 20.5893, 42.5470
YIQ	117.8480, -49.2420, 0.3420

Conversions

Conversions Part 2

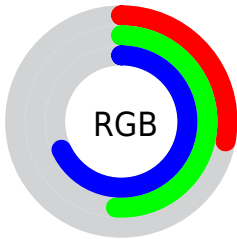
Format	Color
R_{YB}	71, 109, 173
Decimal	4686765
CIE _{Lab}	52.50, -6.75, -28.12
CIE _{LCh}	52, 28.918, 256.500
Yxy	20.5893, 0.2243, 0.2530
Android (android.graphics.Color)	4282876845 (0xFF4783AD)
YUV	117.8480, 27.1899, -41.0857
Hunter-Lab	45.3755, -7.5843, -23.8314

Details

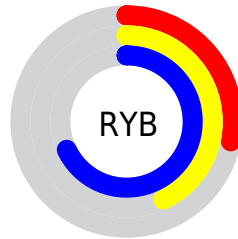
The YUV color **117.8480, 27.1899, -41.0857** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **126.1520, -27.1899, 41.0857**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0870, 28.0581, -39.5413**, and **61.8140, 28.6857, -54.2109** is the 20% darker color. If you saturate the color by 10%, you get **108.6560, 31.7216, -47.9333**, and if you desaturate by 10%, it is **127.0400, 22.6583, -34.2381**.

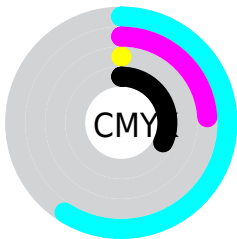
Distribution



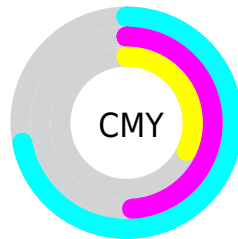
- Red (28%)
- Green (51%)
- Blue (68%)



- Red (28%)
- Yellow (43%)
- Blue (68%)



- Cyan (59%)
- Magenta (24%)
- Yellow (0%)
- Black (32%)



- Cyan (72%)
- Magenta (49%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8480, 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 117.8480, 27.1899, -41.0857 by changing the saturation by 10% instead.

■ 117.8480, 27.1899,
-41.0857

■ 117.8480, 27.1899,
-41.0857

■ 255.0000, 0.0000,
0.0000

■ 90.8260, 27.2008,
-44.5744

■ 172.0870, 28.0581,
-39.5413

■ 61.8140, 28.6857,
-54.2109

■ 199.2720, 27.4739,
-38.8265

■ 45.4630, 24.4217,
-39.8711

■ 224.9660, 14.8068,
-35.9272

■ 29.9270, 20.7420,
-26.2460

■ 242.4420, 6.1911,
-25.8206

■ 15.5650, 16.4835,
-13.6505

■ 251.1130, 1.9163,
-7.9921

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 117.8480, 27.1899,
-41.0857

■ 117.8480, 27.1899,
-41.0857

■ 108.6560, 31.7216,
-47.9333

■ 127.0400, 22.6583,
-34.2381

■ 99.1650, 36.4007,
-55.3957

■ 136.5310, 17.9792,
-26.7757

■ 89.9730, 40.9323,
-62.2433

■ 145.7230, 13.4476,
-19.9281

■ 80.7810, 45.4640,
-69.0909

■ 154.9150, 8.9159,
-13.0805

■ 79.5960, 46.0482,
-69.8057

■ 164.9930, 3.9475,
-6.1329

■ 174.1850, -0.5842,
0.7148

■ 183.3770, -5.1159,
7.5624

■ 192.5690, -9.6475,
14.4100

■ 202.0600,
-14.3266, 21.8724

Harmonies

Analogous

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



107.9390, 25.6661, -65.7215



117.8480, 27.1899, -41.0857



125.4110, 23.4614, -11.7614

Triad

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



117.8480, 27.1899, -41.0857



127.0160, -7.4029, 41.2050



118.8180, -14.2073, -16.5034

Complementary

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



117.8480, 27.1899, -41.0857



126.1520, -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.



122.1860, -22.2767, 5.0989



117.8480, 27.1899, -41.0857



126.2360, -17.8643, 36.6270

Square

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



117.8480, 27.1899, -41.0857



128.4740, 4.6963, 33.7873



124.6660, -23.4993, 23.9719



114.5190, -0.7489, -39.9202

Rectangle

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



117.8480, 27.1899, -41.0857



127.8540, 18.3130, 6.2670



124.6660, -23.4993, 23.9719



120.6510, -17.5759, -9.3409

Sweetspot

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



117.8480, 27.1899, -41.0857



202.6480, 10.5265, -16.3543



135.5480, -11.6092, -56.6086



98.9540, 6.4317, -9.6067



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



117.8480, 27.1899, -41.0857



138.3040, 42.2481, -64.2876



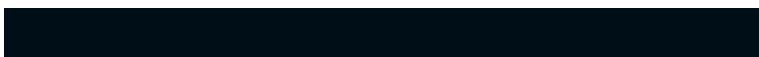
88.4980, 41.6595, -15.3457



81.9610, 2.4842, -3.4738



69.3430, 39.7639, -60.8138



10.8400, 5.9949, -9.5067

Inverse Universe

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



108.3380, 11.1724, 56.7086



123.2570, 17.6213, 88.3516



155.5020, -41.6595, 15.3457



81.2610, 0.8573, 5.0331



54.8820, 16.3272, 83.4185



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 117.8480, 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 117.8480, 27.1899, -41.0857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

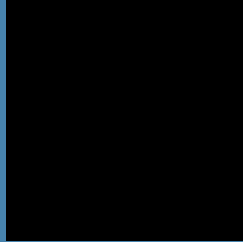
Any Text WCAG AA ✓ Pass

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 117.8480, 27.1899, -41.0857 Background



This preview shows how black text looks on a background with the YUV color 117.8480, 27.1899, -41.0857.

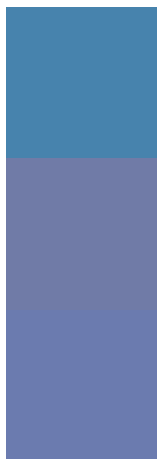


This preview shows how white text looks on a background with the YUV color 117.8480, 27.1899, -41.0857.

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

117.8480, 27.1899, -41.0857

Protanopia

124.7270, 20.8406, -11.1616

Deuteranopia

124.1440, 25.0720, -15.0353



Tritanopia

114.5300, 16.0077, -47.8228

Trichromacy



Original Color

117.8480, 27.1899, -41.0857

Protanomaly

122.2310, 23.0571, -22.1276

Deuteranomaly

121.9040, 25.6833, -24.4718

Tritanomaly

115.5780, 19.9280, -45.2339

Monochromacy



Original Color

117.8480, 27.1899, -41.0857

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1320, 9.7949, -15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8480, 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(71, 131, 173)` looks like.

```
.text, #text, p{  
    color:rgb(71, 131, 173)  
}
```

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(71, 131, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 131, 173) }
```

Border

The CSS property to change the border of an element to YUV 117.8480, 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(71, 131, 173) }
```


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

```
.border{ border-color:rgb(71, 131, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 131, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 131, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 131, 173);  
box-shadow:4px 4px 4px 4px rgb(71, 131,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 117.8480, 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(71, 131, 173) }
```

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

```
.background{ background-color: rgb(71, 131,  
173) }
```

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