

Converting Colors

YUV(118.2480, 47.2057,
-67.7465)

Have a look what the booklet for
YUV(118.2480, 47.2057, -67.7465)
contains.

YUV(118.2480, 47.2057, -67.7465)	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(118.2480, 47.2057,
-67.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	298BD6
RGB	41, 139, 214
RGB Percent	16%, 55%, 84%
CMY	0.8392, 0.4549, 0.1608
CMYK	0.81, 0.35, 0.00, 0.16
HSL	206°, 68%, 50%
HSV	206°, 81%, 84%
XYZ	22.2847, 23.7917, 67.0361
YIQ	118.2480, -82.4830, 2.5490

Conversions

Conversions Part 2

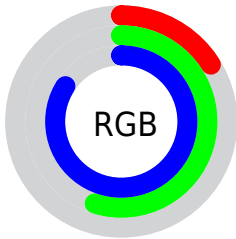
Format	Color
R _Y B	41, 104, 214
Decimal	2722774
CIE Lab	55.88, -1.51, -46.21
CIE LCh	56, 46.238, 268.131
Yxy	23.7917, 0.1970, 0.2103
Android (android.graphics.Color)	4280912854 (0xFF298BD6)
YUV	118.2480, 47.2057, -67.7465
Hunter-Lab	48.7767, -3.8078, -47.3412

Details

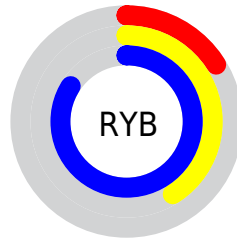
The YUV color **118.2480, 47.2057, -67.7465** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **136.7520, -47.2057, 67.7465**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8600, 39.0160, -54.2512**, and **70.9560, 43.4057, -62.2284** is the 20% darker color. If you saturate the color by 10%, you get **106.6860, 52.9058, -76.0236**, and if you desaturate by 10%, it is **129.8100, 41.5057, -59.4694**.

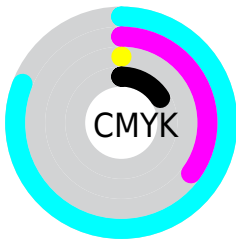
Distribution



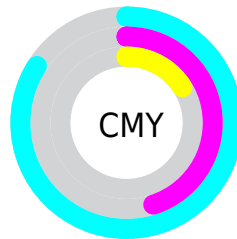
- Red (16%)
- Green (55%)
- Blue (84%)



- Red (16%)
- Yellow (41%)
- Blue (84%)



- Cyan (81%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2480, 47.2057, -67.7465 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 118.2480, 47.2057, -67.7465 by changing the saturation by 10% instead.

■ 118.2480, 47.2057,
-67.7465

■ 118.2480, 47.2057,
-67.7465

■ 255.0000, 0.0000,
0.0000

■ 88.1220, 48.2539,
-77.2830

■ 175.8600, 39.0160,
-54.2512

■ 70.9560, 43.4057,
-62.2284

■ 201.5650, 26.3435,
-49.6075

■ 54.3770, 38.2681,
-47.6886

■ 226.9710, 13.8183,
-45.5786

■ 38.6130, 33.7148,
-33.8636

■ 240.3490, 7.2229,
-30.1241

■ 24.0230, 28.5827,
-21.0682

■ 249.3190, 2.8007,
-11.6808

■ 10.1340, 23.5979,
-8.8875

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 118.2480, 47.2057,
-67.7465

■ 118.2480, 47.2057,
-67.7465

■ 106.6860, 52.9058,
-76.0236

■ 129.8100, 41.5057,
-59.4694

■ 95.4230, 58.4585,
-83.6860

■ 142.2580, 35.3688,
-51.0923

■ 153.8200, 29.6687,
-42.8151

■ 165.6810, 23.8213,
-33.9232

■ 177.2430, 18.1212,
-25.6461

■ 189.3920, 12.1317,
-17.8838

■ 201.2530, 6.2843,
-8.9919

■ 212.8150, 0.5842,
-0.7148

■ 224.6760, -5.2633,
8.1771

Harmonies

Analogous

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



110.3770, 44.6771, -96.8006



118.2480, 47.2057, -67.7465



135.6260, 34.2014, -3.1800

Triad

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



118.2480, 47.2057, -67.7465



133.5260, -17.5143, 64.4367



118.3430, -13.9731, -45.0278

Complementary

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



118.2480, 47.2057, -67.7465



136.7520, -47.2057, 67.7465

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.



126.2480, -33.1533, -6.3565



118.2480, 47.2057, -67.7465



132.4260, -32.7480, 50.4924

Square

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



118.2480, 47.2057, -67.7465



135.1400, 1.4100, 61.2672



130.1380, -39.5080, 25.3120



105.2180, 12.2175, -92.2762

Rectangle

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



118.2480, 47.2057, -67.7465



137.6960, 24.7999, 25.6996



130.1380, -39.5080, 25.3120



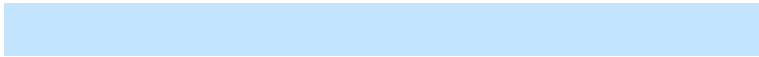
121.7810, -21.5840, -30.5029

Sweetspot

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



118.2480, 47.2057, -67.7465



220.9120, 16.8054, -23.6018



151.1010, -17.3048, -96.5586



106.9580, 10.3737, -13.9952



0.0000, 0.0000, 0.0000



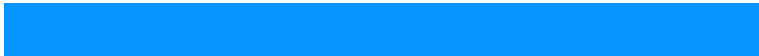
128.0000, 0.0000, 0.0000

Same Dimension

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



118.2480, 47.2057, -67.7465



118.3380, 67.3744, -96.7664



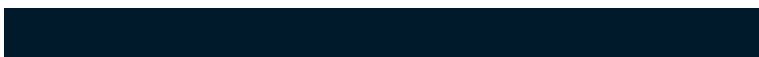
67.7660, 72.0934, -23.4738



100.7760, 3.0684, -4.1886



76.4330, 46.6215, -67.0317



19.5770, 11.5475, -17.1690

Inverse Universe

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



103.8990, 17.3048, 96.5586



97.8130, 24.7422, 137.8530



187.2340, -72.0934, 23.4738



99.9730, 0.9993, 6.1627



62.1870, 17.1628, 95.4290



15.7070, 4.5814, 23.9360

Previews

White Background



This preview shows how the YUV color 118.2480, 47.2057, -67.7465 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 118.2480, 47.2057, -67.7465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

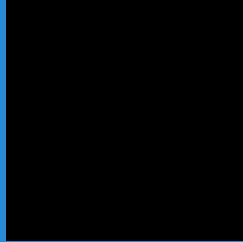
Any Text WCAG AA ✓ Pass

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 118.2480, 47.2057, -67.7465 Background



This preview shows how black text looks on a background with the YUV color 118.2480, 47.2057, -67.7465.



This preview shows how white text looks on a background with the YUV color 118.2480, 47.2057, -67.7465.

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

118.2480, 47.2057, -67.7465

Protanopia

131.7760, 36.5924, -23.4826

Deuteranopia

128.2840, 42.7510, -38.8371



Tritanopia

105.0020, 26.6210, -92.0868

Trichromacy



Original Color

118.2480, 47.2057, -67.7465

Protanomaly

127.0020, 40.4250, -39.4668

Deuteranomaly

124.6740, 44.5307, -49.7031

Tritanomaly

110.0060, 34.0140, -83.3203

Monochromacy



Original Color

118.2480, 47.2057, -67.7465

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.3140, 17.1002, -24.8314

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2480, 47.2057, -67.7465 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(41, 139, 214)` looks like.

```
.text, #text, p{  
    color:rgb(41, 139, 214)  
}
```

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(41, 139, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 139, 214) }
```

Border

The CSS property to change the border of an element to YUV 118.2480, 47.2057, -67.7465 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(41, 139, 214) }
```


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

```
.border{ border-color:rgb(41, 139, 214) }
```

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

Here you see how a box with a 4 pixel rgb(41, 139, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 139, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 139, 214);  
box-shadow:4px 4px 4px 4px rgb(41, 139,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 118.2480, 47.2057, -67.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 139, 214) }
```

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

```
.background{ background-color: rgb(41, 139,  
214) }
```

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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