

Converting Colors

YUV(148.4740, 48.0803,
-21.4637)

Have a look what the booklet for
YUV(148.4740, 48.0803, -21.4637)
contains.

YUV(148.4740, 48.0803, -21.4637)	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(148.4740, 48.0803,
-21.4637)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8EF6
RGB	124, 142, 246
RGB Percent	49%, 56%, 96%
CMY	0.5137, 0.4431, 0.0353
CMYK	0.50, 0.42, 0.00, 0.04
HSL	231°, 87%, 73%
HSV	231°, 50%, 96%
XYZ	34.6197, 30.2849, 91.2097
YIQ	148.4740, -44.1120, 28.5280

Conversions

Conversions Part 2

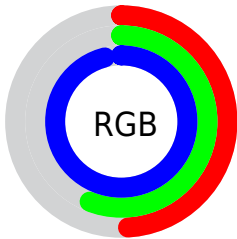
Format	Color
RYB	124, 140, 246
Decimal	8163062
CIELab	61.90, 21.31, -54.23
CIELCh	62, 58.261, 291.452
Yxy	30.2849, 0.2218, 0.1940
Android (android.graphics.Color)	4286353142 (0xFF7C8EF6)
YUV	148.4740, 48.0803, -21.4637
Hunter-Lab	55.0317, 15.9865, -59.7452

Details

The YUV color **148.4740, 48.0803, -21.4637** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **221.5260, -48.0803, 21.4637**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9530, 28.1242, -13.9908**, and **94.3870, 46.6442, -27.5264** is the 20% darker color. If you saturate the color by 10%, you get **128.6720, 57.8427, -26.0223**, and if you desaturate by 10%, it is **168.2760, 38.3179, -16.9051**.

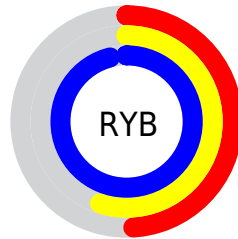
Distribution



Red (49%)

Green (56%)

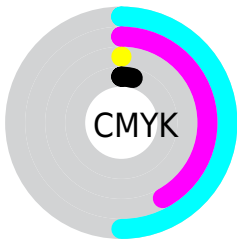
Blue (96%)



Red (49%)

Yellow (55%)

Blue (96%)

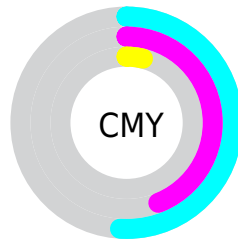


Cyan (50%)

Magenta (42%)

Yellow (0%)

Black (4%)



Cyan (51%)

Magenta (44%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.4740, 48.0803, -21.4637 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 148.4740, 48.0803, -21.4637 by changing the saturation by 10% instead.

■ 148.4740, 48.0803,
-21.4637

■ 148.4740, 48.0803,
-21.4637

255.0000, 0.0000,
0.0000

■ 121.8220, 46.9228,
-23.5229

■ 197.9530, 28.1242,
-13.9908

■ 94.3870, 46.6442,
-27.5264

■ 223.3590, 15.5990,
-9.9618

■ 66.1470, 47.2555,
-36.9629

■ 249.3520, 2.7845,
-6.4477

■ 42.9790, 45.3664,
-37.6926

■ 28.2750, 39.7974,
-24.7972

■ 10.1630, 36.4016,
-8.9130

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 148.4740, 48.0803,
-21.4637

■ 148.4740, 48.0803,
-21.4637

■ 128.6720, 57.8427,
-26.0223

■ 168.2760, 38.3179,
-16.9051

■ 109.1690, 67.4577,
-29.9662

■ 187.7790, 28.7030,
-12.9612

■ 89.3670, 77.2201,
-34.5249

■ 207.5810, 18.9406,
-8.4025

■ 69.8640, 86.8350,
-38.4687

■ 227.0840, 9.3256,
-4.4587

■ 50.0620, 96.5974,
-43.0274

■ 246.8860, -0.4368,
0.1000

■ 49.1760, 97.0342,
-43.1274

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



122.6480, 63.7705, -107.5623



148.4740, 48.0803, -21.4637



154.1520, 29.9981, 38.4547

Triad

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



148.4740, 48.0803, -21.4637



146.2820, -37.6070, 69.0357



117.3000, 7.7401, -102.8721

Complementary

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



148.4740, 48.0803, -21.4637



221.5260, -48.0803, 21.4637

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.



130.6880, -24.0032, -47.9614



148.4740, 48.0803, -21.4637



144.3110, -51.9183, 39.1923

Square

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



148.4740, 48.0803, -21.4637



146.8150, -15.6848, 84.3542



139.9210, -47.2891, 0.9463



123.3420, 30.8904, -108.1709

Rectangle

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



148.4740, 48.0803, -21.4637



151.6580, 15.9446, 66.0749



139.9210, -47.2891, 0.9463



114.0740, 0.4565, -100.0429

Sweetspot

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



148.4740, 48.0803, -21.4637



224.2670, 15.1514, -6.3732



207.4700, 10.1213, -73.2032



109.3830, 9.1782, -3.8439



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.



148.4740, 48.0803, -21.4637



132.9430, 60.1741, -27.1370



150.7650, 46.9509, 14.2381



112.5420, 4.6628, -2.2293



37.0530, 73.4309, -32.4955



12.0090, 23.1666, -10.5319

Inverse Universe

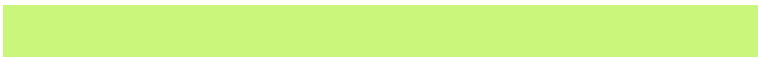
The Inverse Universe completely reimagines the original color for something new.



162.5300, -10.1213, 73.2032



150.3690, -12.5069, 91.7614



219.2350, -46.9509, -14.2381



113.8160, -0.8953, 7.1774



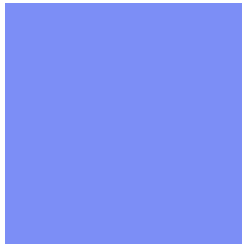
58.6920, -15.6242, 111.6491



18.6670, -4.7658, 35.3720

Previews

White Background



This preview shows how the YUV color 148.4740, 48.0803, -21.4637 looks on a white background.

Color Contrast Check

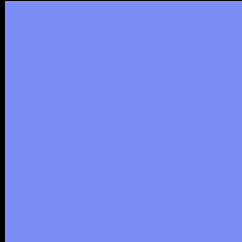
Large Text (above 18pt) WCAG AA × Fail

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 148.4740, 48.0803, -21.4637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

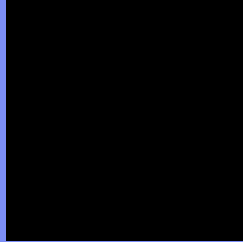
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.4740, 48.0803, -21.4637

Background



This preview shows how black text looks on a background with the YUV color 148.4740, 48.0803, -21.4637.



This preview shows how white text looks on a background with the YUV color 148.4740, 48.0803, -21.4637.

-21.4637.

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

148.4740, 48.0803, -21.4637

Protanopia

145.7820, 50.8865, -34.8888

Deuteranopia

142.4770, 50.0508, -46.8993



Tritanopia

142.4390, 14.0806, -36.3420

Trichromacy



Original Color

148.4740, 48.0803, -21.4637

Protanomaly

147.1740, 49.7072, -29.9706

Deuteranomaly

144.7170, 49.4395, -37.4628

Tritanomaly

144.3870, 26.4312, -31.0344

Monochromacy



Original Color

148.4740, 48.0803, -21.4637

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.2390, 17.6302, -8.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4740, 48.0803, -21.4637 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(124, 142, 246)` looks like.

```
.text, #text, p{  
    color:rgb(124, 142, 246)  
}
```

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(124, 142, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 142, 246) }
```

Border

The CSS property to change the border of an element to YUV 148.4740, 48.0803, -21.4637 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(124, 142, 246) }
```


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

```
.border{ border-color:rgb(124, 142, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 142, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 142, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 142, 246);  
box-shadow:4px 4px 4px 4px rgb(124, 142,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 148.4740, 48.0803, -21.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 142, 246) }
```

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

```
.background{ background-color: rgb(124,  
142, 246) }
```

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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