

Converting Colors

YUV(148.7700, 39.0604,
-21.7233)

Have a look what the booklet for
YUV(148.7700, 39.0604, -21.7233)
contains.

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Color

**YUV(148.7700, 39.0604,
-21.7233)**

Conversions

Conversions Part 1

Format	Color
Hex	7C92E4
RGB	124, 146, 228
RGB Percent	49%, 57%, 89%
CMY	0.5137, 0.4275, 0.1059
CMYK	0.46, 0.36, 0.00, 0.11
HSL	227°, 66%, 69%
HSV	227°, 46%, 89%
XYZ	32.5947, 30.4443, 77.5572
YIQ	148.7700, -39.4340, 20.8380

Conversions

Conversions Part 2

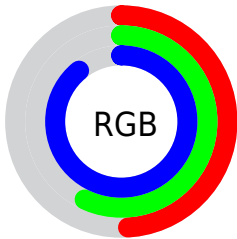
Format	Color
RYB	124, 142, 228
Decimal	8164068
CIELab	62.04, 13.62, -44.07
CIElCh	62, 46.126, 287.169
Yxy	30.4443, 0.2318, 0.2165
Android (android.graphics.Color)	4286354148 (0xFF7C92E4)
YUV	148.7700, 39.0604, -21.7233
Hunter-Lab	55.1763, 8.8878, -44.7160

Details

The YUV color **148.7700, 39.0604, -21.7233** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **203.2300, -39.0604, 21.7233**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.5890, 26.8246, -17.1796**, and **95.9930, 37.4715, -25.4269** is the 20% darker color. If you saturate the color by 10%, you get **131.3270, 47.6598, -26.5968**, and if you desaturate by 10%, it is **166.2130, 30.4610, -16.8498**.

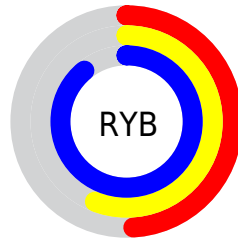
Distribution



Red (49%)

Green (57%)

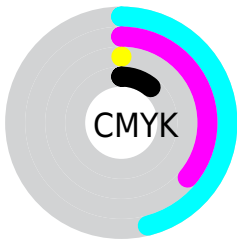
Blue (89%)



Red (49%)

Yellow (56%)

Blue (89%)

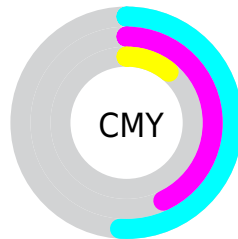


Cyan (46%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (43%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.7700, 39.0604, -21.7233 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 148.7700, 39.0604, -21.7233 by changing the saturation by 10% instead.

■ 148.7700, 39.0604,
-21.7233

■ 148.7700, 39.0604,
-21.7233

255.0000, 0.0000,
0.0000

■ 121.9440, 38.4816,
-22.7529

■ 200.5890, 26.8246,
-17.1796

■ 95.9930, 37.4715,
-25.4269

■ 225.6960, 14.4469,
-13.7654

■ 69.2590, 37.3403,
-30.0451

■ 250.2160, 2.3585,
-9.8364

■ 42.9160, 37.5094,
-37.6373

■ 28.3260, 32.3773,
-24.8419

■ 10.3280, 29.4183,
-9.0577

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 148.7700, 39.0604,
-21.7233

■ 148.7700, 39.0604,
-21.7233

■ 131.3270, 47.6598,
-26.5968

■ 166.2130, 30.4610,
-16.8498

■ 113.8840, 56.2592,
-31.4703

■ 183.6560, 21.8616,
-11.9763

■ 96.7400, 64.7112,
-35.7290

■ 200.8000, 13.4096,
-7.7176

■ 79.2970, 73.3106,
-40.6025

■ 218.2430, 4.8102,
-2.8441

■ 61.8540, 81.9100,
-45.4760

■ 235.6860, -3.7892,
2.0294

■ 54.1680, 85.6992,
-47.5053

■ 251.3350,
-11.5042, 3.2142

■ 251.9220,
-11.7935, 2.6994

Harmonies

Analogous

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



119.4390, 54.0136, -104.7480



148.7700, 39.0604, -21.7233



154.5110, 25.3841, 24.9849

Triad

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



148.7700, 39.0604, -21.7233



149.6210, -28.4072, 58.2144



122.9820, 3.4599, -83.2992

Complementary

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



148.7700, 39.0604, -21.7233



203.2300, -39.0604, 21.7233

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.



137.8520, -22.6050, -29.6882



148.7700, 39.0604, -21.7233



147.1440, -38.5250, 36.7077

Square

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



148.7700, 39.0604, -21.7233



150.5570, -11.1206, 67.0405



144.0000, -36.9750, 6.1390



120.0990, 26.0802, -105.3268

Rectangle

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



148.7700, 39.0604, -21.7233



153.9670, 13.8203, 47.3869



144.0000, -36.9750, 6.1390



130.7910, -6.7990, -59.4527

Sweetspot

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



148.7700, 39.0604, -21.7233



227.8000, 13.4096, -7.7176



194.2820, 5.2840, -61.6373



110.8560, 8.4520, -4.2587



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.



148.7700, 39.0604, -21.7233



147.9830, 52.7594, -28.9261



144.5270, 41.1522, 7.4308



106.1290, 4.3734, -2.7441



42.7120, 67.1900, -37.4584



12.2710, 19.0934, -10.7617

Inverse Universe

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



157.6040, -5.7208, 61.7373



160.1660, -7.9698, 83.1694



207.4730, -41.1522, -7.4308



106.9300, -0.4585, 7.0774



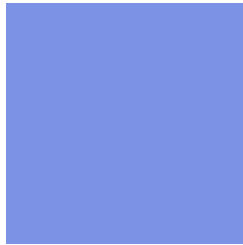
57.8530, -9.7875, 106.2459



16.5030, -2.7130, 30.2539

Previews

White Background



This preview shows how the YUV color 148.7700, 39.0604, -21.7233 looks on a white background.

Color Contrast Check

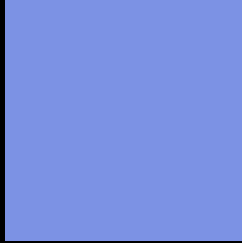
Large Text (above 18pt) WCAG AA × Fail

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 148.7700, 39.0604, -21.7233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

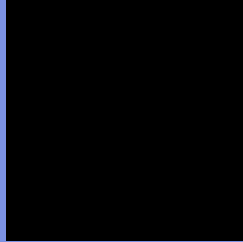
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.7700, 39.0604, -21.7233

Background



This preview shows how black text looks on a background with the YUV color 148.7700, 39.0604, -21.7233.



This preview shows how white text looks on a background with the YUV color 148.7700, 39.0604, -21.7233.

-21.7233.

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

148.7700, 39.0604, -21.7233

Protanopia

148.2750, 39.7974, -24.7972

Deuteranopia

146.8290, 39.5243, -30.5450



Tritanopia

144.4180, 12.6119, -31.9386

Trichromacy



Original Color

148.7700, 39.0604, -21.7233

Protanomaly

148.5740, 39.6500, -24.1824

Deuteranomaly

147.4380, 39.2241, -27.5711

Tritanomaly

146.2580, 22.0578, -28.2903

Monochromacy



Original Color

148.7700, 39.0604, -21.7233

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0280, 14.2832, -7.9176

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7700, 39.0604, -21.7233 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, 146, 228)` looks like.

```
.text, #text, p{  
    color:rgb(124, 146, 228)  
}
```

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, 146, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 146, 228) }
```

Border

The CSS property to change the border of an element to YUV 148.7700, 39.0604, -21.7233 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, 146, 228) }
```


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

```
.border{ border-color:rgb(124, 146, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 146, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 146, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 146, 228);  
box-shadow:4px 4px 4px 4px rgb(124, 146,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 148.7700, 39.0604, -21.7233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 146, 228) }
```

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

```
.background{ background-color: rgb(124,  
146, 228) }
```

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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