

Converting Colors

YUV(158.3600, 47.6435,
-21.3637)

Have a look what the booklet for
YUV(158.3600, 47.6435, -21.3637)
contains.

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Color

**YUV(158.3600, 47.6435,
-21.3637)**

Conversions

Conversions Part 1

Format	Color
Hex	8698FF
RGB	134, 152, 255
RGB Percent	53%, 60%, 100%
CMY	0.4745, 0.4039, 0.0000
CMYK	0.47, 0.40, 0.00, 0.00
HSL	231°, 100%, 76%
HSV	231°, 47%, 100%
XYZ	39.1098, 34.7448, 99.2529
YIQ	158.3600, -43.7910, 28.2170

Conversions

Conversions Part 2

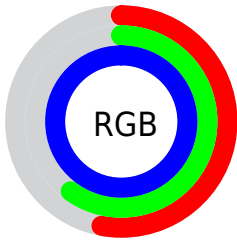
Format	Color
RYB	134, 150, 255
Decimal	8820991
CIELab	65.55, 20.39, -53.32
CIELCh	66, 57.083, 290.925
Yxy	34.7448, 0.2259, 0.2007
Android (android.graphics.Color)	4287011071 (0xFF8698FF)
YUV	158.3600, 47.6435, -21.3637
Hunter-Lab	58.9447, 15.2813, -58.5729

Details

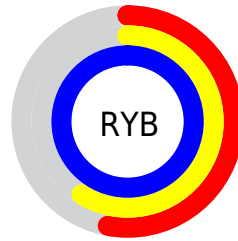
The YUV color $158.3600, 47.6435, -21.3637$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $230.6400, -47.6435, 21.3637$, and the grayscale version is $158.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.4000, 23.4668, -13.5058$, and $104.2840, 46.2020, -25.6821$ is the 20% darker color. If you saturate the color by 10%, you get $137.9710, 57.6953, -25.4076$, and if you desaturate by 10%, it is $179.0480, 37.4443, -16.7051$.

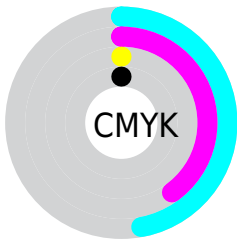
Distribution



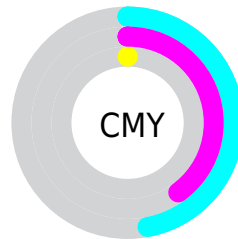
- Red (53%)
- Green (60%)
- Blue (100%)



- Red (53%)
- Yellow (59%)
- Blue (100%)



- Cyan (47%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.3600, 47.6435, -21.3637 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 158.3600, 47.6435, -21.3637 by changing the saturation by 10% instead.

■ 158.3600, 47.6435,
-21.3637

■ 158.3600, 47.6435,
-21.3637

255.0000, 0.0000,
0.0000

■ 131.1210, 46.7753,
-22.9081

■ 207.4000, 23.4668,
-13.5058

■ 104.2840, 46.2020,
-25.6821

■ 232.8060, 10.9416,
-9.4769

■ 77.4250, 45.6395,
-31.9447

■ 254.1030, 0.4422,
-1.8443

■ 48.5870, 46.5456,
-42.6108

■ 33.8830, 40.9767,
-29.7154

■ 19.8800, 35.5552,
-17.4348

■ 11.1600, 27.5291,

-9.7873

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 158.3600, 47.6435,
-21.3637

■ 158.3600, 47.6435,
-21.3637

■ 137.9710, 57.6953,
-25.4076

■ 179.0480, 37.4443,
-16.7051

■ 117.8700, 67.6051,
-30.5810

■ 198.8500, 27.6820,
-12.1464

■ 97.4810, 77.6569,
-34.6248

■ 219.5380, 17.4828,
-7.4878

■ 76.7930, 87.8561,
-39.2835

■ 239.9270, 7.4310,
-3.4440

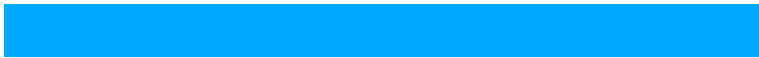
■ 56.4040, 97.9078, 255.0000, 0.0000,
-43.3273 0.0000

■ 51.3760, 100.3866,
-45.0568

Harmonies

Analogous

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



128.2730, 62.4764, -112.4954



158.3600, 47.6435, -21.3637



164.0270, 29.5667, 36.8103

Triad

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



158.3600, 47.6435, -21.3637



156.6950, -37.3176, 69.5505



123.4950, 8.6300, -108.3051

Complementary

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



158.3600, 47.6435, -21.3637



230.6400, -47.6435, 21.3637

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.



141.8840, -24.5928, -45.5023



158.3600, 47.6435, -21.3637



154.3650, -50.4659, 40.0219

Square

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



158.3600, 47.6435, -21.3637



157.5160, -15.5374, 83.7395



149.8610, -46.2735, 1.8759



130.1240, 31.4909, -114.1187

Rectangle

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



158.3600, 47.6435, -21.3637



162.2340, 15.6606, 63.8158



149.8610, -46.2735, 1.8759



120.9700, 1.4938, -106.0907

Sweetspot

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



158.3600, 47.6435, -21.3637



226.6260, 13.9884, -6.6880



216.7690, 9.9739, -72.5884



110.2690, 8.7414, -3.7439



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.



158.3600, 47.6435, -21.3637



138.8570, 57.2585, -25.3076



160.3520, 46.6615, 13.7233



117.6560, 5.0996, -2.3293



38.2100, 75.3255, -33.5102



12.5790, 25.3506, -11.0318

Inverse Universe

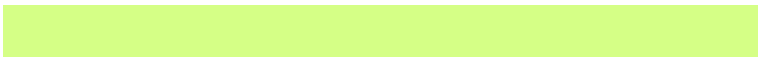
The Inverse Universe completely reimagines the original color for something new.



172.2310, -9.9739, 72.5884



155.7490, -12.2013, 87.0431



228.6480, -46.6615, -13.7233



119.1150, -1.0427, 7.7921



60.3010, -15.9244, 114.6230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 158.3600, 47.6435, -21.3637 looks on a white background.

Color Contrast Check

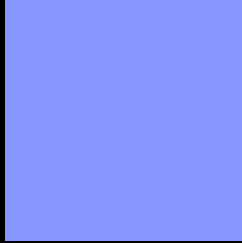
Large Text (above 18pt) WCAG AA × Fail

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 158.3600, 47.6435, -21.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

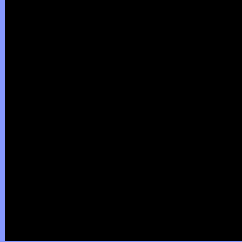
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.3600, 47.6435, -21.3637

Background



This preview shows how black text looks on a background with the YUV color 158.3600, 47.6435, -21.3637.



This preview shows how white text looks on a background with the YUV color 158.3600, 47.6435, -21.3637.

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

158.3600, 47.6435, -21.3637

Protanopia

155.9350, 48.8390, -31.5150

Deuteranopia

153.5700, 49.0190, -42.5959



Tritanopia

152.7380, 13.9332, -35.7272

Trichromacy



Original Color

158.3600, 47.6435, -21.3637

Protanomaly

156.8430, 48.3914, -27.9263

Deuteranomaly

155.2120, 48.7025, -34.3889

Tritanomaly

154.6860, 26.2838, -30.4196

Monochromacy



Original Color

158.3600, 47.6435, -21.3637

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1250, 17.1934, -8.0026

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3600, 47.6435, -21.3637 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(134, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 152, 255)  
}
```

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(134, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 152, 255) }
```

Border

The CSS property to change the border of an element to YUV 158.3600, 47.6435, -21.3637 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(134, 152, 255) }
```


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

```
.border{ border-color:rgb(134, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 152,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 158.3600, 47.6435, -21.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 152, 255) }
```

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

```
.background{ background-color: rgb(134,  
152, 255) }
```

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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