

Converting Colors

YUV(96.8830, 77.9517,
-35.8544)

Have a look what the booklet for
YUV(96.8830, 77.9517, -35.8544)
contains.

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Color

**YUV(96.8830, 77.9517,
-35.8544)**

Conversions

Conversions Part 1

Format	Color
Hex	3857FF
RGB	56, 87, 255
RGB Percent	22%, 34%, 100%
CMY	0.7804, 0.6588, 0.0000
CMYK	0.78, 0.66, 0.00, 0.00
HSL	231°, 100%, 61%
HSV	231°, 78%, 100%
XYZ	23.0891, 14.8771, 96.2624
YIQ	96.8830, -72.4040, 45.6760

Conversions

Conversions Part 2

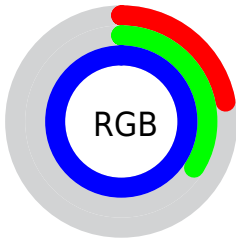
Format	Color
R _Y B	56, 83, 255
Decimal	3692543
CIE Lab	45.47, 47.04, -85.98
CIE LCh	45, 98.006, 298.685
Yxy	14.8771, 0.1720, 0.1108
Android (android.graphics.Color)	4281882623 (0xFF3857FF)
YUV	96.8830, 77.9517, -35.8544
Hunter-Lab	38.5709, 39.3535, -120.9720

Details

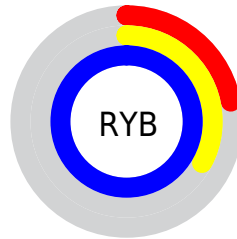
The YUV color **96.8830, 77.9517, -35.8544** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **214.1170, -77.9517, 35.8544**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2560, 52.1318, -14.2565**, and **47.1120, 73.8948, -41.3172** is the 20% darker color. If you saturate the color by 10%, you get **76.1950, 88.1509, -40.5130**, and if you desaturate by 10%, it is **117.5710, 67.7525, -31.1958**.

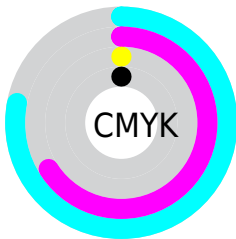
Distribution



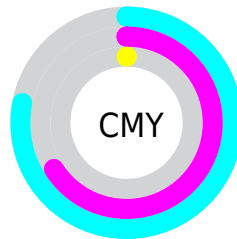
- Red (22%)
- Green (34%)
- Blue (100%)



- Red (22%)
- Yellow (33%)
- Blue (100%)



- Cyan (78%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8830, 77.9517, -35.8544 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 96.8830, 77.9517, -35.8544 by changing the saturation by 10% instead.

■ 96.8830, 77.9517,
-35.8544

■ 96.8830, 77.9517,
-35.8544

■ 255.0000, 0.0000,
0.0000

■ 63.3320, 80.1953,
-55.5422

■ 149.2560, 52.1318,
-14.2565

■ 47.1120, 73.8948,
-41.3172

■ 174.3850, 39.7432,
-7.3536

■ 32.1800, 67.4523,
-28.2219

■ 200.3890, 26.9232,
-2.0952

■ 19.5960, 59.8522,
-17.1857

■ 225.8060, 14.3926,
3.6781

■ 13.6970, 49.9424,
-12.0123

■ 250.3040, 2.3151,
4.1184

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 96.8830, 77.9517,
-35.8544

■ 96.8830, 77.9517,
-35.8544

■ 76.1950, 88.1509,
-40.5130

■ 117.5710, 67.7525,
-31.1958

■ 56.3930, 97.9133,
-45.0717

■ 137.3730, 57.9901,
-26.6371

■ 52.5500, 99.8078,
-46.0863

■ 157.7620, 47.9383,
-22.5933

■ 177.8630, 38.0285,
-17.4199

■ 198.2520, 27.9768,
-13.3760

■ 218.3530, 18.0670,
-8.2026

■ 239.0410, 7.8678,
-3.5440

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



100.6840, 76.0778, -88.2999



96.8830, 77.9517, -35.8544



80.8340, 56.2838, 101.0006

Triad

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



96.8830, 77.9517, -35.8544



94.1120, -46.3972, 88.4788



92.0470, 4.9068, -80.7252

Complementary

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



96.8830, 77.9517, -35.8544



214.1170, -77.9517, 35.8544

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.



78.0710, -38.4890, -68.4683



96.8830, 77.9517, -35.8544



101.4130, -49.9966, 29.4558

Square

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



96.8830, 77.9517, -35.8544



74.0700, -18.7685, 140.2586



86.2430, -42.5178, -36.1701



102.6830, 40.5823, -90.0530

Rectangle

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



96.8830, 77.9517, -35.8544



85.2570, 27.9743, 127.8166



86.2430, -42.5178, -36.1701



88.0400, -7.9077, -77.2111

Sweetspot

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



96.8830, 77.9517, -35.8544



208.0090, 23.1666, -10.5319



191.7370, 14.9197, -119.0413



99.0390, 14.2778, -6.1732



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.



96.8830, 77.9517, -35.8544



64.6660, 93.8347, -43.5571



98.4200, 77.1939, 20.6797



117.6560, 5.0996, -2.3293



39.3840, 74.7467, -34.5398



13.1660, 25.0612, -11.5466

Inverse Universe

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



119.0350, -15.7933, 119.2413



91.0920, -18.7794, 143.7473



212.5800, -77.1939, -20.6797



119.1150, -1.0427, 7.7921



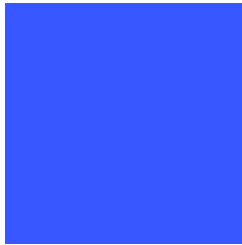
60.5290, -15.0508, 114.4231



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 96.8830, 77.9517, -35.8544 looks on a white background.

Color Contrast Check

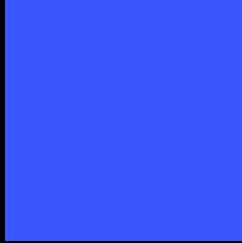
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 96.8830, 77.9517, -35.8544 looks on a black 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

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

YUV 96.8830, 77.9517, -35.8544

Background



This preview shows how black text looks on a background with the YUV color 96.8830, 77.9517, -35.8544.



This preview shows how white text looks on a background with the YUV color 96.8830, 77.9517, -35.8544.

-35.8544.

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

96.8830, 77.9517, -35.8544

Protanopia

85.1990, 64.9779, -74.7195

Tritanopia

83.6300, 20.8884, -73.3435

Trichromacy



Original Color

96.8830, 77.9517, -35.8544

Protanomaly

89.2530, 69.8813, -60.7349

Tritanomaly

88.5110, 41.6531, -60.0841

Monochromacy



Original Color

96.8830, 77.9517, -35.8544

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6650, 28.2662, -12.8612

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8830, 77.9517, -35.8544 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(56, 87, 255)` looks like.

```
.text, #text, p{  
    color:rgb(56, 87, 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(56, 87, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 87, 255) }
```

Border

The CSS property to change the border of an element to YUV 96.8830, 77.9517, -35.8544 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(56, 87, 255) }
```

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

```
.border{ border-color:rgb(56, 87, 255) }
```

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

Here you see how a box with a 4 pixel rgb(56, 87, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 87, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 87, 255);  
box-shadow:4px 4px 4px 4px rgb(56, 87,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 96.8830, 77.9517, -35.8544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 87, 255) }
```

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

```
.background{ background-color: rgb(56, 87,  
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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