

Converting Colors

YUV(97.6370, 77.5800,
-56.6866)

Have a look what the booklet for
YUV(97.6370, 77.5800, -56.6866)
contains.

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Color

**YUV(97.6370, 77.5800,
-56.6866)**

Conversions

Conversions Part 1

Format	Color
Hex	2164FF
RGB	33, 100, 255
RGB Percent	13%, 39%, 100%
CMY	0.8706, 0.6078, 0.0000
CMYK	0.87, 0.61, 0.00, 0.00
HSL	222°, 100%, 56%
HSV	222°, 87%, 100%
XYZ	23.2344, 16.6577, 96.5984
YIQ	97.6370, -89.6870, 34.0010

Conversions

Conversions Part 2

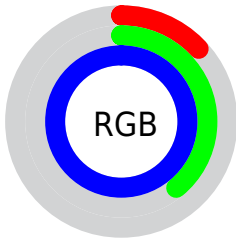
Format	Color
R _Y B	33, 84, 255
Decimal	2188543
CIE Lab	47.83, 37.52, -82.13
CIE LCh	48, 90.297, 294.553
Yxy	16.6577, 0.1702, 0.1220
Android (android.graphics.Color)	4280378623 (0xFF2164FF)
YUV	97.6370, 77.5800, -56.6866
Hunter-Lab	40.8138, 30.1918, -111.7583

Details

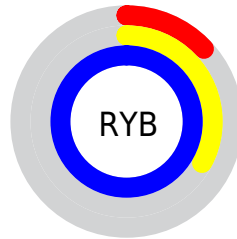
The YUV color **97.6370, 77.5800, -56.6866** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed azure. A complement of this color would be **190.3630, -77.5800, 56.6866**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5980, 49.9912, -27.7114**, and **54.7430, 70.1327, -48.0096** is the 20% darker color. If you saturate the color by 10%, you get **79.5960, 86.4742, -62.7897**, and if you desaturate by 10%, it is **115.6780, 68.6857, -50.5836**.

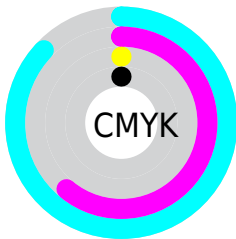
Distribution



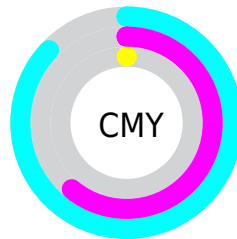
- Red (13%)
- Green (39%)
- Blue (100%)



- Red (13%)
- Yellow (33%)
- Blue (100%)



- Cyan (87%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6370, 77.5800, -56.6866 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 97.6370, 77.5800, -56.6866 by changing the saturation by 10% instead.

■ 97.6370, 77.5800,
-56.6866

■ 97.6370, 77.5800,
-56.6866

■ 255.0000, 0.0000,
0.0000

■ 70.9630, 76.4332,
-62.2346

■ 153.5980, 49.9912,
-27.7114

■ 54.7430, 70.1327,
-48.0096

■ 179.3140, 37.3132,
-21.3234

■ 39.8110, 63.6902,
-34.9142

■ 205.0300, 24.6352,
-14.9353

■ 27.3410, 56.5269,
-23.9781

■ 231.0340, 11.8152,
-9.6768

■ 13.1100, 50.2318,
-11.4975

■ 254.1030, 0.4422,
-1.8443

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 97.6370, 77.5800,
-56.6866

■ 97.6370, 77.5800,
-56.6866

■ 79.5960, 86.4742,
-62.7897

■ 115.6780, 68.6857,
-50.5836

■ 74.2690, 89.1004,
-65.1339

■ 134.0180, 59.6441,
-43.8658

■ 151.4720, 51.0393,
-37.2479

■ 169.8120, 41.9977,
-30.5301

■ 188.1520, 32.9561,
-23.8123

■ 206.1930, 24.0619,
-17.7093

■ 224.2340, 15.1676,
-11.6062

■ 241.9870, 6.4154,
-4.3736

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.



104.7930, 74.0521, -91.9035



97.6370, 77.5800, -56.6866



104.2960, 48.6611, 72.5314

Triad

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



97.6370, 77.5800, -56.6866



99.7380, -49.1708, 91.4378



94.4120, 1.2759, -82.7993

Complementary

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



97.6370, 77.5800, -56.6866



190.3630, -77.5800, 56.6866

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.



81.0060, -39.9360, -71.0423



97.6370, 77.5800, -56.6866



107.0720, -52.7865, 37.6479

Square

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



97.6370, 77.5800, -56.6866



76.9480, -10.3274, 139.4886



97.5720, -48.1030, -18.0416



104.4780, 34.7673, -91.6272

Rectangle

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



97.6370, 77.5800, -56.6866



85.0590, 34.9739, 122.7283



97.5720, -48.1030, -18.0416



90.6330, -10.6651, -79.4851

Sweetspot

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



97.6370, 77.5800, -56.6866



208.2640, 23.0408, -16.8945



180.6420, 2.1485, -129.4820



99.6040, 13.9992, -10.1767



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.



97.6370, 77.5800, -56.6866



74.2690, 89.1004, -65.1339



70.5670, 90.9255, 3.0107



118.8300, 4.5208, -3.3589



55.8200, 66.6437, -48.9541



18.4490, 22.4566, -16.1798

Inverse Universe

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



107.0160, -3.4589, 129.7820



85.0230, -3.9553, 149.0698



217.4330, -90.9255, -3.0107



119.3430, -0.1691, 7.5922



63.7210, -2.8205, 111.6237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 97.6370, 77.5800, -56.6866 looks on a white background.

Color Contrast Check

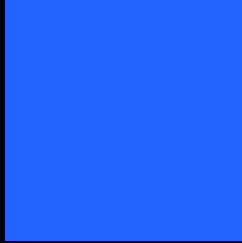
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.6370, 77.5800, -56.6866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

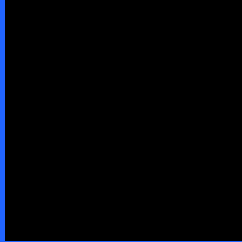
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

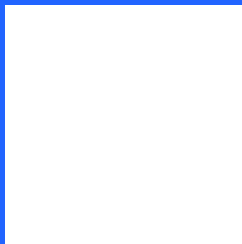
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.6370, 77.5800, -56.6866

Background



This preview shows how black text looks on a background with the YUV color 97.6370, 77.5800, -56.6866.



This preview shows how white text looks on a background with the YUV color 97.6370, 77.5800, -56.6866.

-56.6866.

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

97.6370, 77.5800, -56.6866

Protanopia

89.5020, 68.7725, -78.4933

Deuteranopia

89.9630, 52.7692, -78.8976



Tritanopia

88.4230, 21.4835, -77.5470

Trichromacy



Original Color

97.6370, 77.5800, -56.6866

Protanomaly

92.3550, 71.8030, -70.4713

Deuteranomaly

93.0100, 61.6201, -71.0458

Tritanomaly

91.8580, 41.9750, -70.0355

Monochromacy



Original Color

97.6370, 77.5800, -56.6866

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9090, 28.1459, -20.9682

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6370, 77.5800, -56.6866 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(33, 100, 255)` looks like.

```
.text, #text, p{  
    color:rgb(33, 100, 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(33, 100, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 100, 255) }
```

Border

The CSS property to change the border of an element to YUV 97.6370, 77.5800, -56.6866 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(33, 100, 255) }
```


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

```
.border{ border-color:rgb(33, 100, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 100, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 100, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 100, 255);  
box-shadow:4px 4px 4px 4px rgb(33, 100,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 97.6370, 77.5800, -56.6866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 100, 255) }
```

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

```
.background{ background-color: rgb(33, 100,  
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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