

Converting Colors

YUV(76.5710, 87.9655,
-27.6878)

Have a look what the booklet for
YUV(76.5710, 87.9655, -27.6878)
contains.

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Color

**YUV(76.5710, 87.9655,
-27.6878)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3AFF
RGB	45, 58, 255
RGB Percent	18%, 23%, 100%
CMY	0.8235, 0.7725, 0.0000
CMYK	0.82, 0.77, 0.00, 0.00
HSL	236°, 100%, 59%
HSV	236°, 82%, 100%
XYZ	20.6452, 10.8040, 95.6050
YIQ	76.5710, -70.9850, 58.5110

Conversions

Conversions Part 2

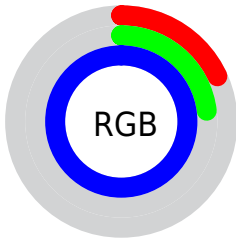
Format	Color
RYB	45, 57, 255
Decimal	2964223
CIELab	39.25, 62.42, -96.26
CIElCh	39, 114.726, 302.962
Yxy	10.8040, 0.1625, 0.0850
Android (android.graphics.Color)	4281154303 (0xFF2D3AFF)
YUV	76.5710, 87.9655, -27.6878
Hunter-Lab	32.8694, 54.5941, -149.4440

Details

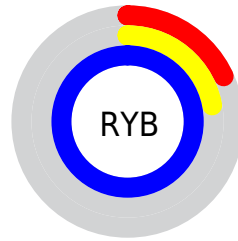
The YUV color **76.5710, 87.9655, -27.6878** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **223.4290, -87.9655, 27.6878**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3360, 60.9664, -1.1717**, and **25.9800, 84.3129, -22.7845** is the 20% darker color. If you saturate the color by 10%, you get **55.0080, 98.5961, -30.7020**, and if you desaturate by 10%, it is **98.4330, 77.1875, -24.0587**.

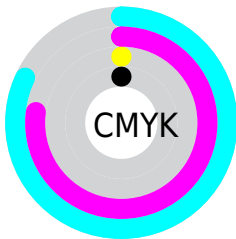
Distribution



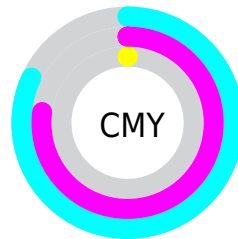
- Red (18%)
- Green (23%)
- Blue (100%)



- Red (18%)
- Yellow (22%)
- Blue (100%)



- Cyan (82%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5710, 87.9655, -27.6878 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 76.5710, 87.9655, -27.6878 by changing the saturation by 10% instead.

■ 76.5710, 87.9655,
-27.6878

■ 76.5710, 87.9655,
-27.6878

■ 255.0000, 0.0000,
0.0000

■ 45.0210, 88.7296,
-39.4834

■ 131.3360, 60.9664,
-1.1717

■ 25.9800, 84.3129,
-22.7845

■ 157.3510, 48.1410,
5.8312

■ 19.1520, 73.3821,
-16.7963

■ 182.4800, 35.7524,
12.7340

■ 16.0740, 61.5885,
-14.0969

■ 208.4840, 22.9324,
17.9925

■ 18.2790, 47.1905,
-16.0307

■ 232.6940, 10.9969,
19.5624

■ 17.6630, 34.6761,
-15.4905

■ 249.7170, 2.6045,

■ 11.4050, 25.9293,

4.6332

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 76.5710, 87.9655,
-27.6878

■ 76.5710, 87.9655,
-27.6878

■ 55.0080, 98.5961,
-30.7020

■ 98.4330, 77.1875,
-24.0587

■ 38.4620, 106.7532,
-33.7312

■ 119.9960, 66.5570,
-21.0445

■ 141.8580, 55.7790,
-17.4155

■ 163.4210, 45.1484,
-14.4012

■ 185.2830, 34.3705,
-10.7722

■ 206.8460, 23.7399,
-7.7579

■ 228.1210, 13.2513,
-3.6141

■ 249.6840, 2.6208,
-0.5999

■ 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.



91.8790, 80.4187, -80.5779



76.5710, 87.9655, -27.6878



80.9180, 48.8474, 106.1889

Triad

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



76.5710, 87.9655, -27.6878



76.6910, -37.8087, 87.0940



83.0140, 8.3741, -72.8033

Complementary

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



76.5710, 87.9655, -27.6878



223.4290, -87.9655, 27.6878

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.



69.8530, -34.4375, -61.2611



76.5710, 87.9655, -27.6878



85.9860, -42.3911, 16.6753

Square

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



76.5710, 87.9655, -27.6878



67.2750, -33.1666, 138.3248



65.7440, -32.4118, -57.6575



95.6050, 49.0017, -83.8456

Rectangle

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



76.5710, 87.9655, -27.6878



83.5320, 17.4857, 131.9604



65.7440, -32.4118, -57.6575



78.6650, -5.7508, -68.9892

Sweetspot

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



76.5710, 87.9655, -27.6878



200.6440, 26.7975, -8.4578



190.6140, 24.8403, -127.7035



95.2070, 16.1669, -5.4435



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.



76.5710, 87.9655, -27.6878



40.5330, 105.7322, -32.9164



96.1490, 78.3135, 34.9493



117.0690, 5.3890, -1.8145



28.8180, 79.9557, -25.2734



9.6440, 26.7975, -8.4578

Inverse Universe

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



109.2720, -25.2771, 127.8035



80.0580, -30.5946, 153.4241



203.8510, -78.3135, -34.9493



119.0010, -1.4795, 7.8921



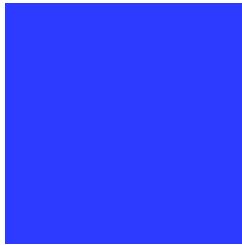
58.4770, -22.9132, 116.2227



19.5920, -7.6869, 38.9458

Previews

White Background



This preview shows how the YUV color 76.5710, 87.9655, -27.6878 looks on a white background.

Color Contrast Check

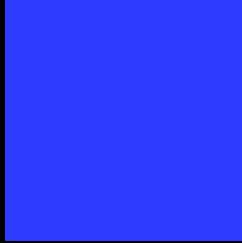
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.5710, 87.9655, -27.6878 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 76.5710, 87.9655, -27.6878

Background



This preview shows how black text looks on a background with the YUV color 76.5710, 87.9655, -27.6878.



This preview shows how white text looks on a background with the YUV color 76.5710, 87.9655, -27.6878.

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



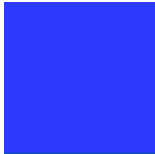
Original Color

76.5710, 87.9655, -27.6878

Tritanopia

71.4850, 17.5089, -62.6923

Trichromacy



Original Color

76.5710, 87.9655, -27.6878



Tritanomaly

73.0330, 43.3677, -50.0179

Monochromacy



Original Color

76.5710, 87.9655, -27.6878



Achromatopsia

77.0000, 0.0000, 0.0000



Achromatomaly

76.7130, 32.1865, -10.2723

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5710, 87.9655, -27.6878 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(45, 58, 255)` looks like.

```
.text, #text, p{  
    color:rgb(45, 58, 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(45, 58, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 58, 255) }
```

Border

The CSS property to change the border of an element to YUV 76.5710, 87.9655, -27.6878 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(45, 58, 255) }
```

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

```
.border{ border-color:rgb(45, 58, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 58, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 58, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 58, 255);  
box-shadow:4px 4px 4px 4px rgb(45, 58,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 76.5710, 87.9655, -27.6878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 58, 255) }
```

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

```
.background{ background-color: rgb(45, 58,  
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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