

Converting Colors

YUV(52.7620, 98.7173, 23.8877)

Have a look what the booklet for
YUV(52.7620, 98.7173, 23.8877)
contains.

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Color

**YUV(52.7620, 98.7173,
23.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	5000FD
RGB	80, 0, 253
RGB Percent	31%, 0%, 99%
CMY	0.6863, 1.0000, 0.0078
CMYK	0.68, 1.00, 0.00, 0.01
HSL	259°, 100%, 50%
HSV	259°, 100%, 99%
XYZ	21.0379, 8.7973, 93.5177
YIQ	52.7620, -33.5330, 95.6430

Conversions

Conversions Part 2

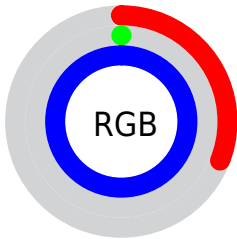
Format	Color
RYB	80, 0, 253
Decimal	5243133
CIELab	35.59, 80.08, -101.16
CIElCh	36, 129.019, 308.365
Yxy	8.7973, 0.1706, 0.0713
Android (android.graphics.Color)	4283433213 (0xFF5000FD)
YUV	52.7620, 98.7173, 23.8877
Hunter-Lab	29.6603, 74.7037, -166.1769

Details

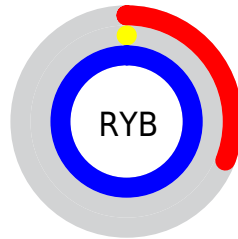
The YUV color **52.7620, 98.7173, 23.8877** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **200.2380, -98.7173, -23.8877**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4290, 66.8365, 29.4418**, and **22.1160, 84.7388, -19.3957** is the 20% darker color. If you saturate the color by 10%, you get **52.7620, 98.7173, 23.8877**, and if you desaturate by 10%, it is **72.5200, 88.9766, 21.4690**.

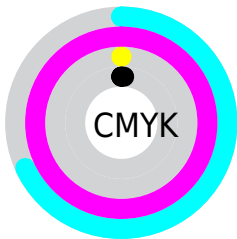
Distribution



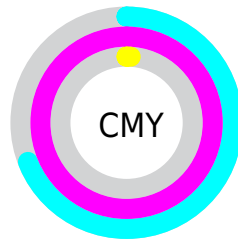
- Red (31%)
- Green (0%)
- Blue (99%)



- Red (31%)
- Yellow (0%)
- Blue (99%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)



- Cyan (69%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.7620, 98.7173, 23.8877 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 52.7620, 98.7173, 23.8877 by changing the saturation by 10% instead.

■ 52.7620, 98.7173,
23.8877

■ 52.7620, 98.7173,
23.8877

■ 255.0000, 0.0000,
0.0000

■ 32.2990, 94.0156,
-8.1552

■ 119.4290, 66.8365,
29.4418

■ 22.1160, 84.7388,
-19.3957

■ 145.7320, 53.8691,
35.3150

■ 18.9240, 72.5085,
-16.5963

■ 172.3230, 40.7598,
40.0587

■ 15.8460, 60.7149,
-13.8969

■ 198.3270, 27.9398,
45.3172

■ 16.8770, 46.8956,
-14.8011

■ 216.2580, 19.0998,
33.9767


■ 16.8480, 34.0919,
-14.7757


■ 233.8680, 10.4181,


■ 10.5900, 25.3451,


18.5328

-9.2874


 250.8910, 2.0257,
3.6036


 6.2070, 16.1669,
-5.4435


 2.5250, 7.1362,
-2.2144

 52.7620, 98.7173,
23.8877

 72.5200, 88.9766,
21.4690

 93.1640, 78.7991,
19.1502

 112.9220, 69.0585,
16.7314

 132.6800, 59.3178,
14.3126

■ 153.3240, 49.1403,
11.9939

■ 173.0820, 39.3996,
9.5751

■ 192.8400, 29.6589,
7.1563

■ 212.5980, 19.9182,
4.7376

■ 233.2420, 9.7407,
2.4188

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



52.7620, 98.7173, 23.8877



82.8670, 39.5056, 115.8806

Triad

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



52.7620, 98.7173, 23.8877



70.7330, -34.8714, 78.2872



79.0990, 16.2202, -69.3698

Complementary

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



52.7620, 98.7173, 23.8877



200.2380, -98.7173, -23.8877

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.



65.1570, -32.1224, -57.1427



52.7620, 98.7173, 23.8877



75.5540, -37.2481, 0.3911

Square

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



52.7620, 98.7173, 23.8877



65.1820, -32.1347, 134.0214



62.2220, -30.6754, -54.5687



93.1890, 60.0528, -81.7268

Rectangle

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



52.7620, 98.7173, 23.8877



82.8890, 5.9707, 138.6633



62.2220, -30.6754, -54.5687



74.4080, 0.7849, -65.2558

Sweetspot

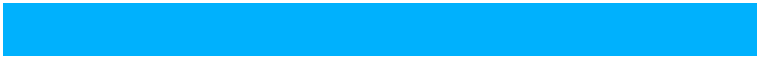
The Sweet Spot groups the original color and five complimentary colors.



52.7620, 98.7173, 23.8877



194.8400, 29.6589, 7.1563



132.7410, 59.2877, -116.4139



91.4300, 18.0290, 4.0079



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.



52.7620, 98.7173, 23.8877



53.2890, 99.4435, 24.3025



89.2400, 80.7337, 98.8905



117.6780, 5.0887, 1.1594



39.7140, 74.5840, 17.7908



13.2760, 25.0069, 5.8969

Inverse Universe

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



95.3690, 38.2721, 138.2424



96.0810, 38.4141, 139.3720



163.7600, -80.7337, -98.8905



119.7990, 1.5781, 7.1923



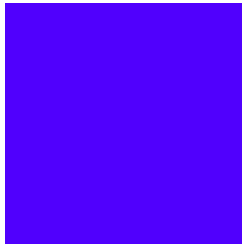
72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 52.7620, 98.7173, 23.8877 looks on a white background.

Color Contrast Check

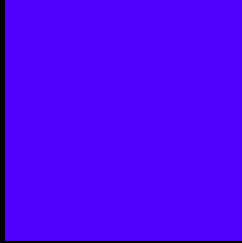
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 52.7620, 98.7173, 23.8877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

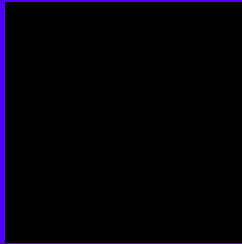
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.7620, 98.7173, 23.8877

Background



This preview shows how black text looks on a background with the YUV color 52.7620, 98.7173, 23.8877.



This preview shows how white text looks on a background with the YUV color 52.7620, 98.7173,

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



Protanopia

67.6280, 50.9624, -59.3098

Deuteranopia

67.7130, 38.5955, -59.3843

Tritanopia

66.5780, 16.4770, -58.3889

Trichromacy



Protanomaly

62.1090, 68.4733, -29.0366

Deuteranomaly

62.0460, 60.6163, -28.9813

Tritanomaly

61.6750, 46.5022, -28.6560

Monochromacy



Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1590, 35.9106, 8.6306

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.7620, 98.7173, 23.8877 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(80, 0, 253)` looks like.

```
.text, #text, p{  
    color:rgb(80, 0, 253)  
}
```

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(80, 0, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 0, 253) }
```

Border

The CSS property to change the border of an element to YUV 52.7620, 98.7173, 23.8877 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(80, 0, 253) }
```

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

```
.border{ border-color:rgb(80, 0, 253) }
```

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

Here you see how a box with a 4 pixel rgb(80, 0, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 0, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 0, 253);  
box-shadow:4px 4px 4px 4px rgb(80, 0, 253)  
}
```


Background

The CSS property to change the background color of an element to YUV 52.7620, 98.7173, 23.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 0, 253) }
```

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

```
.background{ background-color: rgb(80, 0,  
253) }
```

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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