

Converting Colors

YUV(89.3200, 78.2292,
-78.3336)

Have a look what the booklet for
YUV(89.3200, 78.2292, -78.3336)
contains.

YUV(89.3200, 78.2292, -78.3336)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(89.3200, 78.2292,
-78.3336)**

Conversions

Conversions Part 1

Format	Color
Hex	0068F8
RGB	0, 104, 248
RGB Percent	0%, 41%, 97%
CMY	1.0000, 0.5922, 0.0275
CMYK	1.00, 0.58, 0.00, 0.03
HSL	215°, 100%, 49%
HSV	215°, 100%, 97%
XYZ	21.8936, 16.6779, 90.8722
YIQ	89.3200, -108.2080, 22.7360

Conversions

Conversions Part 2

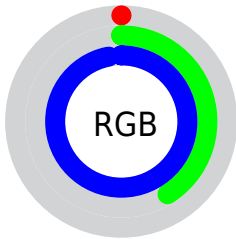
Format	Color
R _{YB}	0, 73, 248
Decimal	26872
CIE _{Lab}	47.85, 31.28, -78.21
CIE _{LCh}	48, 84.234, 291.796
Yxy	16.6779, 0.1691, 0.1288
Android (android.graphics.Color)	4278216952 (0xFF0068F8)
YUV	89.3200, 78.2292, -78.3336
Hunter-Lab	40.8386, 24.2262, -103.3422

Details

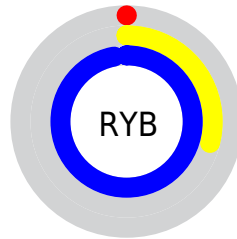
The YUV color **89.3200, 78.2292, -78.3336** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **158.6800, -78.2292, 78.3336**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9560, 50.3077, -35.9184**, and **56.2930, 65.9176, -49.3690** is the 20% darker color. If you saturate the color by 10%, you get **89.3200, 78.2292, -78.3336**, and if you desaturate by 10%, it is **105.0130, 70.4926, -70.1714**.

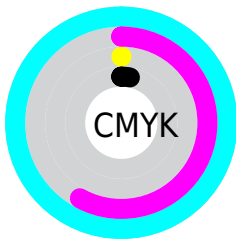
Distribution



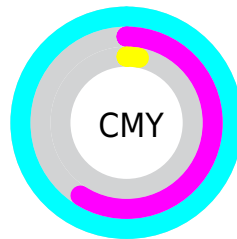
- Red (0%)
- Green (41%)
- Blue (97%)



- Red (0%)
- Yellow (29%)
- Blue (97%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (59%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3200, 78.2292, -78.3336 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 89.3200, 78.2292, -78.3336 by changing the saturation by 10% instead.

■ 89.3200, 78.2292,
-78.3336

■ 89.3200, 78.2292,
-78.3336

255.0000, 0.0000,
0.0000

■ 72.5130, 72.2181,
-63.5939

■ 152.9560, 50.3077,
-35.9184

■ 56.2930, 65.9176,
-49.3690

■ 178.9710, 37.4823,
-28.9156

■ 41.4750, 59.9118,
-36.3736

■ 204.6870, 24.8043,
-22.5275

■ 28.3040, 52.6011,
-24.8226

■ 230.6910, 11.9843,
-17.2690

■ 14.1870, 46.7428,
-12.4420

■ 251.1130, 1.9163,
-7.9921

■ 16.0330, 33.5077,
-14.0609

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 89.3200, 78.2292,
-78.3336

■ 105.0130, 70.4926,
-70.1714

■ 121.2930, 62.4666,
-62.5240

■ 136.6870, 54.8773,
-54.9765

■ 152.9670, 46.8513,
-47.3291

■ 168.6600, 39.1146,
-39.1668

■ 184.3530, 31.3780,
-31.0046

■ 200.6330, 23.3519,
-23.3571

■ 216.0270, 15.7627,
-15.8097

■ 232.3070, 7.7366,
-8.1622

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



89.3200, 78.2292, -78.3336



110.3990, 45.6523, 57.5321

Triad

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



89.3200, 78.2292, -78.3336



99.7380, -49.1708, 91.4378



93.1410, -1.0555, -81.6847

Complementary

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



89.3200, 78.2292, -78.3336



158.6800, -78.2292, 78.3336

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.



79.8320, -39.3572, -70.0127



89.3200, 78.2292, -78.3336



107.3930, -52.9447, 41.7513

Square

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



89.3200, 78.2292, -78.3336



76.5930, -5.2223, 135.4149



99.9860, -49.2931, -9.6347



102.1640, 30.9781, -89.5978

Rectangle

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



89.3200, 78.2292, -78.3336



82.5250, 38.1952, 116.1806



99.9860, -49.2931, -9.6347



89.7040, -11.6861, -78.6704

Sweetspot

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



89.3200, 78.2292, -78.3336



206.4480, 23.9361, -24.0719



161.6500, -10.1805, -141.7671



98.3970, 14.5943, -14.3802



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.



89.3200, 78.2292, -78.3336



91.8790, 80.4187, -80.5779



33.3550, 105.8200, -14.3433



117.0040, 3.9420, -4.3885



67.9190, 59.6929, -59.5650



22.2160, 19.1205, -19.4834

Inverse Universe

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



86.0080, 8.8701, 142.0670



88.4430, 9.1486, 146.0705



214.6450, -105.8200, 14.3433



116.5710, 0.7045, 7.3922



65.5170, 6.6471, 108.2946



21.2030, 2.3649, 34.9020

Previews

White Background



This preview shows how the YUV color 89.3200, 78.2292, -78.3336 looks on a white background.

Color Contrast Check

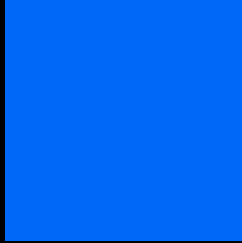
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.3200, 78.2292, -78.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

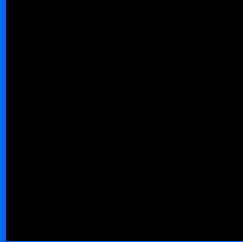
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3200, 78.2292, -78.3336

Background



This preview shows how black text looks on a background with the YUV color 89.3200, 78.2292, -78.3336.



This preview shows how white text looks on a background with the YUV color 89.3200, 78.2292, -78.3336.

-78.3336.

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

89.3200, 78.2292, -78.3336

Protanopia

90.3170, 69.3567, -79.2080

Deuteranopia

90.6640, 52.9166, -79.5123



Tritanopia

88.5370, 21.9203, -77.6469

Trichromacy



Original Color

89.3200, 78.2292, -78.3336

Protanomaly

89.8270, 72.5563, -78.7783

Deuteranomaly

90.3680, 61.9366, -79.2527

Tritanomaly

88.6290, 42.5809, -77.7276

Monochromacy



Original Color

89.3200, 78.2292, -78.3336

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9790, 28.6044, -28.0456

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3200, 78.2292, -78.3336 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(0, 104, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 248)  
}
```

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(0, 104, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 248) }
```

Border

The CSS property to change the border of an element to YUV 89.3200, 78.2292, -78.3336 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(0, 104, 248) }
```


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

```
.border{ border-color:rgb(0, 104, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 89.3200, 78.2292, -78.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 248) }
```

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

```
.background{ background-color: rgb(0, 104,  
248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor