

Converting Colors

YUV(28.6120, 99.2843,
-18.0767)

Have a look what the booklet for
YUV(28.6120, 99.2843, -18.0767)
contains.

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Color

**YUV(28.6120, 99.2843,
-18.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	0800E6
RGB	8, 0, 230
RGB Percent	3%, 0%, 90%
CMY	0.9686, 1.0000, 0.0980
CMYK	0.97, 1.00, 0.00, 0.10
HSL	242°, 100%, 45%
HSV	242°, 100%, 90%
XYZ	14.3831, 5.7648, 75.2176
YIQ	28.6120, -69.0620, 73.2260

Conversions

Conversions Part 2

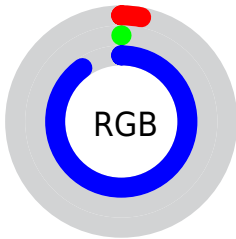
Format	Color
RYB	8, 0, 230
Decimal	524518
CIELab	28.81, 73.29, -99.54
CIELCh	29, 123.613, 306.365
Yxy	5.7648, 0.1508, 0.0604
Android (android.graphics.Color)	4278714598 (0xFF0800E6)
YUV	28.6120, 99.2843, -18.0767
Hunter-Lab	24.0100, 64.9121, -168.9344

Details

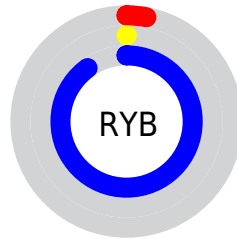
The YUV color **28.6120, 99.2843, -18.0767** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **201.3880, -99.2843, 18.0767**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.3710, 74.7531, 10.1986**, and **19.6080, 75.1293, -17.1962** is the 20% darker color. If you saturate the color by 10%, you get **28.6120, 99.2843, -18.0767**, and if you desaturate by 10%, it is **48.6910, 89.3853, -16.3920**.

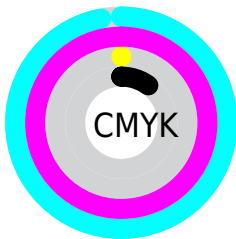
Distribution



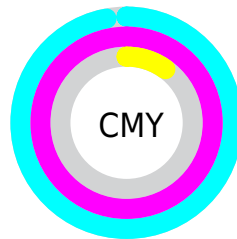
- Red (3%)
- Green (0%)
- Blue (90%)



- Red (3%)
- Yellow (0%)
- Blue (90%)



- Cyan (97%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (97%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.6120, 99.2843, -18.0767 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 28.6120, 99.2843, -18.0767 by changing the saturation by 10% instead.

■ 28.6120, 99.2843,
-18.0767

■ 28.6120, 99.2843,
-18.0767

■ 255.0000, 0.0000,
0.0000

■ 22.9140, 87.7964,
-20.0956

■ 103.3710, 74.7531,
10.1986

■ 19.6080, 75.1293,
-17.1962

■ 129.6850, 61.7803,
17.8163

■ 16.5300, 63.3357,
-14.4968

■ 155.4010, 49.1023,
24.2043

■ 15.8000, 50.3846,
-13.8566

■ 181.1170, 36.4243,
30.5924

■ 18.1190, 36.4233,
-15.8904

■ 207.1210, 23.6043,
35.8509

■ 11.7470, 27.2397,
-10.3021


■ 226.2370, 14.1802,

■ 6.7770, 18.3509,


25.2252


-5.9434


 243.2600, 5.7878,
10.2960


 3.2090, 9.7570,
-2.8143


 0.0000, 0.0000,
0.0000

 28.6120, 99.2843,
-18.0767

 48.6910, 89.3853,
-16.3920

 68.7700, 79.4864,
-14.7073

 89.1480, 69.4400,
-12.4078

 109.2270, 59.5411,
-10.7231

■ 129.3060, 49.6421,
-9.0384

■ 149.3850, 39.7432,
-7.3536

■ 169.4640, 29.8442,
-5.6689

■ 189.8420, 19.7979,
-3.3694

■ 209.9210, 9.8989,
-1.6847

Harmonies

Analogous

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



78.3780, 87.0746, -68.7375



28.6120, 99.2843, -18.0767



71.7740, 37.0864, 98.4222

Triad

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



28.6120, 99.2843, -18.0767



47.1430, -23.2415, 81.4356



65.2100, 11.2355, -57.1892

Complementary

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



28.6120, 99.2843, -18.0767



201.3880, -99.2843, 18.0767

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.



53.4170, -26.3346, -46.8467



28.6120, 99.2843, -18.0767



61.9980, -30.5650, 3.5098

Square

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



28.6120, 99.2843, -18.0767



57.4080, -28.3021, 118.0372



51.0690, -25.1770, -44.7875



78.5020, 52.0105, -68.8463

Rectangle

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



28.6120, 99.2843, -18.0767



72.7790, 6.0250, 121.2198



51.0690, -25.1770, -44.7875



60.7470, -3.3263, -53.2751

Sweetspot

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



28.6120, 99.2843, -18.0767



188.2620, 32.9018, -6.3688



156.5340, 36.2187, -137.2803



87.5430, 19.9453, -3.9842



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.



28.6120, 99.2843, -18.0767



31.7610, 110.0568, -19.9614



62.9970, 82.3325, 52.6226



104.6670, 5.0942, -0.5850



22.2000, 77.3024, -14.2074



6.4120, 21.9819, -3.8693

Inverse Universe

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



94.0780, 63.0655, 119.2036



104.2890, 69.8635, 132.1735



167.0030, -82.3325, -52.6226



107.8420, 3.0359, 6.2776



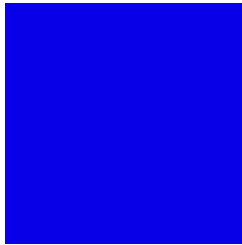
73.1290, 48.7434, 92.8489



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 28.6120, 99.2843, -18.0767 looks on a white background.

Color Contrast Check

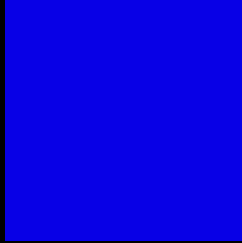
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6120, 99.2843, -18.0767 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 28.6120, 99.2843, -18.0767

Background



This preview shows how black text looks on a background with the YUV color 28.6120, 99.2843, -18.0767.



This preview shows how white text looks on a background with the YUV color 28.6120, 99.2843, -18.0767.

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

55.4030, 42.1993, -48.5884

Deuteranopia

55.8300, 31.1428, -48.9629

Tritanopia

54.4330, 13.0975, -47.7377

Trichromacy



Protanomaly

45.8600, 62.6800, -37.5882

Deuteranomaly

46.0250, 55.6967, -37.7329

Tritanomaly

45.0500, 44.3454, -36.8778

Monochromacy



Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.4730, 36.2488, -6.5538

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.6120, 99.2843, -18.0767 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(8, 0, 230)` looks like.

```
.text, #text, p{  
    color:rgb(8, 0, 230)  
}
```

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(8, 0, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 0, 230) }
```

Border

The CSS property to change the border of an element to YUV 28.6120, 99.2843, -18.0767 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(8, 0, 230) }
```

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

```
.border{ border-color:rgb(8, 0, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 0, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 0, 230); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 0, 230); box-shadow:4px  
4px 4px 4px rgb(8, 0, 230) }
```


Background

The CSS property to change the background color of an element to YUV 28.6120, 99.2843, -18.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 0, 230) }
```

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

```
.background{ background-color: rgb(8, 0,  
230) }
```

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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