

Converting Colors

YUV(30.3340, 84.1383,
-13.4479)

Have a look what the booklet for
YUV(30.3340, 84.1383, -13.4479)
contains.

YUV(30.3340, 84.1383, -13.4479)	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(30.3340, 84.1383,
-13.4479)**

Conversions

Conversions Part 1

Format	Color
Hex	0F05C9
RGB	15, 5, 201
RGB Percent	6%, 2%, 79%
CMY	0.9412, 0.9804, 0.2118
CMYK	0.93, 0.98, 0.00, 0.21
HSL	243°, 95%, 40%
HSV	243°, 98%, 79%
XYZ	10.7939, 4.4271, 55.5440
YIQ	30.3340, -56.9560, 63.0760

Conversions

Conversions Part 2

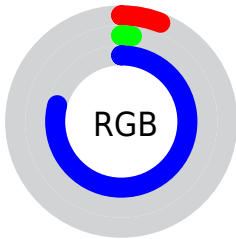
Format	Color
RYB	15, 5, 201
Decimal	984521
CIELab	25.04, 65.25, -89.05
CIELCh	25, 110.400, 306.231
Yxy	4.4271, 0.1525, 0.0626
Android (android.graphics.Color)	4279174601 (0xFF0F05C9)
YUV	30.3340, 84.1383, -13.4479
Hunter-Lab	21.0408, 54.7488, -141.7866

Details

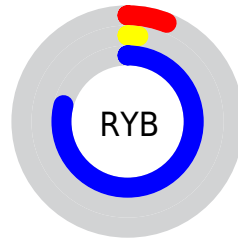
The YUV color **30.3340, 84.1383, -13.4479** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **175.6660, -84.1383, 13.4479**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1040, 76.3637, 6.9248**, and **16.5300, 63.3357, -14.4968** is the 20% darker color. If you saturate the color by 10%, you get **25.9040, 86.3223, -13.9478**, and if you desaturate by 10%, it is **47.7550, 75.5498, -12.0631**.

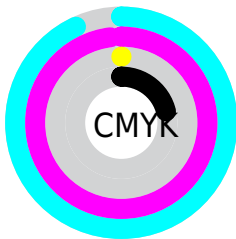
Distribution



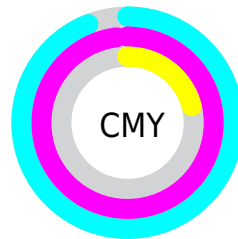
- Red (6%)
- Green (2%)
- Blue (79%)



- Red (6%)
- Yellow (2%)
- Blue (79%)



- Cyan (93%)
- Magenta (98%)
- Yellow (0%)
- Black (21%)



- Cyan (94%)
- Magenta (98%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.3340, 84.1383, -13.4479 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 30.3340, 84.1383, -13.4479 by changing the saturation by 10% instead.

■ 30.3340, 84.1383,
-13.4479

■ 30.3340, 84.1383,
-13.4479

■ 255.0000, 0.0000,
0.0000

■ 19.7220, 75.5661,
-17.2962

■ 100.1040, 76.3637,
6.9248

■ 16.5300, 63.3357,
-14.4968

■ 125.2330, 63.9751,
13.8277

■ 13.4520, 51.5422,
-11.7974

■ 150.0630, 51.7339,
20.1157

■ 18.1190, 36.4233,
-15.8904

■ 175.4800, 39.2034,
25.8890

■ 11.8610, 27.6765,
-10.4021

■ 201.1850, 26.5308,
30.5328

■ 6.8910, 18.7877,
-6.0434

■ 223.3020, 15.6271,


■ 3.2090, 9.7570,


27.7991


-2.8143


 240.3250, 7.2348,
12.8700


 0.0000, 0.0000,
0.0000


 30.3340, 84.1383,
-13.4479


 30.3340, 84.1383,
-13.4479


 25.9040, 86.3223,
-13.9478

 47.7550, 75.5498,
-12.0631

 65.1760, 66.9612,
-10.6784

 82.5970, 58.3727,
-9.2936

 100.0180, 49.7841,
-7.9088

 118.0260, 40.9062,
-7.0388

■ 135.4470, 32.3176,
-5.6540

■ 153.1670, 23.5817,
-3.6545

■ 170.5880, 14.9931,
-2.2697

■ 188.0090, 6.4046,
-0.8849

Harmonies

Analogous

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



69.7550, 81.9588, -61.1751



30.3340, 84.1383, -13.4479



62.8450, 32.6144, 86.0819

Triad

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



30.3340, 84.1383, -13.4479



42.6470, -21.0250, 70.4696



57.3850, 9.1772, -50.3266

Complementary

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



30.3340, 84.1383, -13.4479



175.6660, -84.1383, 13.4479

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.



47.5470, -23.4407, -41.6987



30.3340, 84.1383, -13.4479



54.3230, -26.7812, 3.2247

Square

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



30.3340, 84.1383, -13.4479



50.5310, -24.9118, 103.8973



44.6120, -21.9937, -39.1247



68.7220, 45.0001, -60.2692

Rectangle

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



30.3340, 84.1383, -13.4479



63.7510, 5.0528, 106.3354



44.6120, -21.9937, -39.1247



53.3780, -3.6374, -46.8125

Sweetspot

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



30.3340, 84.1383, -13.4479



190.6320, 31.7334, -4.9393



136.5260, 31.7857, -115.3483



88.7280, 19.3611, -3.2695



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.



30.3340, 84.1383, -13.4479



32.9570, 109.4672, -17.5023



59.6360, 69.6925, 46.8002



91.0260, 3.9312, -0.8998



20.9740, 70.0188, -11.3782



4.7020, 15.4299, -2.3697

Inverse Universe

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



84.8080, 52.3527, 101.9004



103.8330, 68.1163, 132.5735



146.3640, -69.6925, -46.8002



93.7170, 2.6045, 4.6332



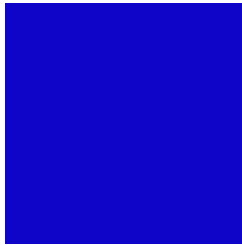
66.4070, 43.6763, 84.7121



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 30.3340, 84.1383, -13.4479 looks on a white background.

Color Contrast Check

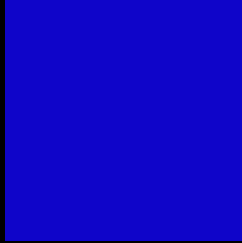
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3340, 84.1383, -13.4479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

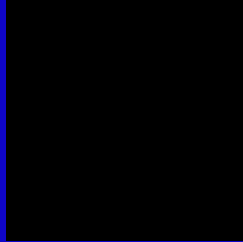
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.3340, 84.1383, -13.4479

Background



This preview shows how black text looks on a background with the YUV color 30.3340, 84.1383, -13.4479.



This preview shows how white text looks on a background with the YUV color 30.3340, 84.1383, -13.4479.

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

30.3340, 84.1383, -13.4479

Protanopia

48.7690, 37.0889, -42.7704

Deuteranopia

48.9510, 27.6322, -42.9300



Tritanopia

48.0100, 11.3341, -42.1048

Trichromacy



Original Color

30.3340, 84.1383, -13.4479

Protanomaly

41.7160, 54.3700, -32.1999

Deuteranomaly

42.1090, 48.2603, -32.5446

Tritanomaly

41.3620, 37.7825, -31.8895

Monochromacy



Original Color

30.3340, 84.1383, -13.4479

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.2900, 30.4230, -4.6393

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.3340, 84.1383, -13.4479 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(15, 5, 201)` looks like.

```
.text, #text, p{  
    color:rgb(15, 5, 201)  
}
```

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(15, 5, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 5, 201) }
```

Border

The CSS property to change the border of an element to YUV 30.3340, 84.1383, -13.4479 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(15, 5, 201) }
```


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

```
.border{ border-color:rgb(15, 5, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 5, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 5, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 5, 201);  
box-shadow:4px 4px 4px 4px rgb(15, 5, 201)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.3340, 84.1383, -13.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 5, 201) }
```

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

```
.background{ background-color: rgb(15, 5,  
201) }
```

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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