

Converting Colors

YUV(38.0020, 84.3020,
-19.2958)

Have a look what the booklet for
YUV(38.0020, 84.3020, -19.2958)
contains.

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Color

**YUV(38.0020, 84.3020,
-19.2958)**

Conversions

Conversions Part 1

Format	Color
Hex	1010D1
RGB	16, 16, 209
RGB Percent	6%, 6%, 82%
CMY	0.9373, 0.9373, 0.1804
CMYK	0.92, 0.92, 0.00, 0.18
HSL	240°, 86%, 44%
HSV	240°, 92%, 82%
XYZ	11.9076, 5.0842, 60.6753
YIQ	38.0020, -61.9530, 60.0230

Conversions

Conversions Part 2

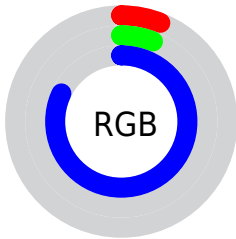
Format	Color
R _Y B	16, 16, 209
Decimal	1052881
CIE Lab	26.97, 64.96, -90.49
CIE LCh	27, 111.391, 305.673
Yxy	5.0842, 0.1533, 0.0655
Android (android.graphics.Color)	4279242961 (0xFF1010D1)
YUV	38.0020, 84.3020, -19.2958
Hunter-Lab	22.5481, 54.8060, -143.7612

Details

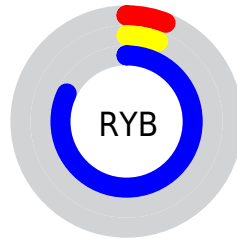
The YUV color **38.0020, 84.3020, -19.2958** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **186.9980, -84.3020, 19.2958**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.2240, 74.3326, 5.0656**, and **17.4420, 66.8301, -15.2966** is the 20% darker color. If you saturate the color by 10%, you get **23.8260, 91.2908, -20.8954**, and if you desaturate by 10%, it is **56.6080, 75.1293, -17.1962**.

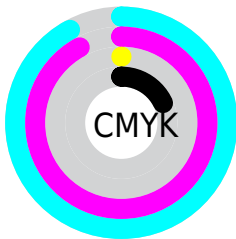
Distribution



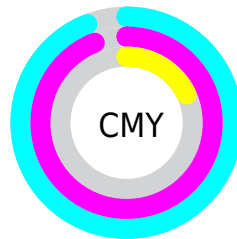
- Red (6%)
- Green (6%)
- Blue (82%)



- Red (6%)
- Yellow (6%)
- Blue (82%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)
- Black (18%)



- Cyan (94%)
- Magenta (94%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.0020, 84.3020, -19.2958 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 38.0020, 84.3020, -19.2958 by changing the saturation by 10% instead.

■ 38.0020, 84.3020,
-19.2958

■ 38.0020, 84.3020,
-19.2958

■ 255.0000, 0.0000,
0.0000

■ 20.5200, 78.6236,
-17.9960

■ 104.2240, 74.3326,
5.0656

■ 17.4420, 66.8301,
-15.2966

■ 129.6520, 61.7966,
12.5832

■ 14.3640, 55.0365,
-12.5972

■ 154.4820, 49.5554,
18.8713

■ 16.5690, 40.6385,
-14.5310

■ 179.6000, 37.1722,
24.0298

■ 13.7190, 29.7185,
-12.0316

■ 205.6040, 24.3522,
29.2883

■ 8.1620, 21.1191,
-7.1581


■ 226.8240, 13.8908,


■ 4.4800, 12.0884,

24.7104


-3.9290


 243.8470, 5.4984,
9.7812


 0.0000, 0.0000,
0.0000


 38.0020, 84.3020,
-19.2958


 38.0020, 84.3020,
-19.2958


 23.8260, 91.2908,
-20.8954

 56.6080, 75.1293,
-17.1962

 75.2140, 65.9565,
-15.0967

 93.8200, 56.7837,
-12.9971

 112.4260, 47.6110,
-10.8976

 130.1460, 38.8750,
-8.8980

■ 148.7520, 29.7023,
-6.7985

■ 167.3580, 20.5295,
-4.6990

■ 185.9640, 11.3567,
-2.5994

■ 204.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



73.6020, 84.0062, -64.5490



38.0020, 84.3020, -19.2958



65.4370, 34.7876, 89.0708

Triad

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



38.0020, 84.3020, -19.2958



47.3870, -23.3618, 73.3286



60.6620, 9.0406, -53.2006

Complementary

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



38.0020, 84.3020, -19.2958



186.9980, -84.3020, 19.2958

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.



49.8950, -24.5982, -43.7579



38.0020, 84.3020, -19.2958



58.7640, -28.9707, 5.4690

Square

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



38.0020, 84.3020, -19.2958



52.9230, -26.0910, 108.8155



47.5470, -23.4407, -41.6987



72.2270, 45.7371, -63.3431

Rectangle

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



38.0020, 84.3020, -19.2958



66.6420, 7.0785, 109.9390



47.5470, -23.4407, -41.6987



56.6550, -3.7739, -49.6864

Sweetspot

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



38.0020, 84.3020, -19.2958



192.0940, 31.0127, -7.0984



151.2930, 28.4496, -118.6520



89.0160, 19.2191, -4.3990



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.



38.0020, 84.3020, -19.2958



29.0700, 111.3835, -25.4944



67.0050, 70.0035, 40.3376



95.2540, 4.8048, -1.0998



19.1520, 73.3821, -16.7963



4.6740, 17.9087, -4.0991

Inverse Universe

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



95.7090, 55.8525, 99.3562



105.3150, 73.7947, 131.2737



158.2940, -70.1509, -39.7228



98.5430, 3.1833, 5.6628



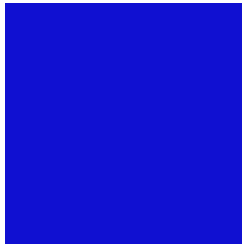
69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 38.0020, 84.3020, -19.2958 looks on a white background.

Color Contrast Check

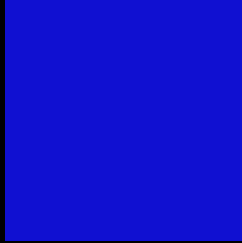
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0020, 84.3020, -19.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

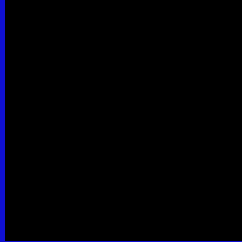
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.0020, 84.3020, -19.2958

Background



This preview shows how black text looks on a background with the YUV color 38.0020, 84.3020, -19.2958.



This preview shows how white text looks on a background with the YUV color 38.0020, 84.3020, -19.2958.

-19.2958.

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

38.0020, 84.3020, -19.2958

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.9830, 29.0954, -45.5891



Tritanopia

50.8140, 11.9237, -44.5639

Trichromacy



Original Color

38.0020, 84.3020, -19.2958

Protanomaly

46.3350, 55.5438, -35.3738

Deuteranomaly

46.7280, 49.4341, -35.7185

Tritanomaly

46.4540, 38.2302, -35.4782

Monochromacy



Original Color

38.0020, 84.3020, -19.2958

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9800, 30.5759, -6.9985

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.0020, 84.3020, -19.2958 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(16, 16, 209)` looks like.

```
.text, #text, p{  
    color:rgb(16, 16, 209)  
}
```

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(16, 16, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 16, 209) }
```

Border

The CSS property to change the border of an element to YUV 38.0020, 84.3020, -19.2958 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(16, 16, 209) }
```


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

```
.border{ border-color:rgb(16, 16, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 16, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 16, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 16, 209);  
box-shadow:4px 4px 4px 4px rgb(16, 16,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 38.0020, 84.3020, -19.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 16, 209) }
```

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

```
.background{ background-color: rgb(16, 16,  
209) }
```

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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