

Converting Colors

YUV(34.3080, 100.4202,
-9.0401)

Have a look what the booklet for
YUV(34.3080, 100.4202, -9.0401)
contains.

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Color

**YUV(34.3080, 100.4202,
-9.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	1800EE
RGB	24, 0, 238
RGB Percent	9%, 0%, 93%
CMY	0.9059, 1.0000, 0.0667
CMYK	0.90, 1.00, 0.00, 0.07
HSL	246°, 100%, 47%
HSV	246°, 100%, 93%
XYZ	15.8093, 6.3672, 81.2847
YIQ	34.3080, -62.0940, 79.1060

Conversions

Conversions Part 2

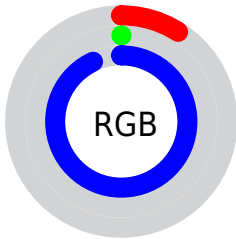
Format	Color
R _Y B	24, 0, 238
Decimal	1573102
CIE Lab	30.32, 75.32, -101.57
CIE LCh	30, 126.447, 306.559
Yxy	6.3672, 0.1528, 0.0615
Android (android.graphics.Color)	4279763182 (0xFF1800EE)
YUV	34.3080, 100.4202, -9.0401
Hunter-Lab	25.2334, 67.6760, -173.3284

Details

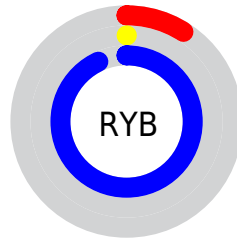
The YUV color **34.3080, 100.4202, -9.0401** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **203.6920, -100.4202, 9.0401**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.7520, 73.5793, 13.3725**, and **20.5200, 78.6236, -17.9960** is the 20% darker color. If you saturate the color by 10%, you get **34.3080, 100.4202, -9.0401**, and if you desaturate by 10%, it is **54.6750, 90.3792, -8.4850**.

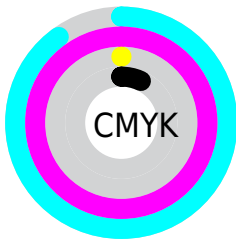
Distribution



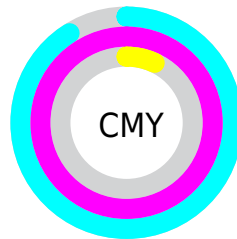
- Red (9%)
- Green (0%)
- Blue (93%)



- Red (9%)
- Yellow (0%)
- Blue (93%)



- Cyan (90%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (91%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.3080, 100.4202, -9.0401 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 34.3080, 100.4202, -9.0401 by changing the saturation by 10% instead.

■ 34.3080, 100.4202,
-9.0401

■ 34.3080, 100.4202,
-9.0401

■ 255.0000, 0.0000,
0.0000

■ 23.8260, 91.2908,
-20.8954

■ 105.7520, 73.5793,
13.3725

■ 20.5200, 78.6236,
-17.9960

■ 132.6530, 60.3171,
20.4753

■ 17.3280, 66.3933,
-15.1967

■ 158.3690, 47.6391,
26.8634

■ 14.2500, 54.5998,
-12.4972

■ 184.3730, 34.8191,
32.1219

■ 20.0910, 38.9021,
-17.6198

■ 210.6760, 21.8517,
37.9951


■ 13.7190, 29.7185,
-12.0316


■ 227.4110, 13.6014,


■ 8.0480, 20.6823,


24.1956


-7.0581


 245.0210, 4.9196,
8.7516


 4.3660, 11.6516,
-3.8290


 0.0000, 0.0000,
0.0000

 34.3080, 100.4202,
-9.0401

 54.6750, 90.3792,
-8.4850

 75.3410, 80.1909,
-7.3151

 95.1210, 70.4393,
-6.2451

 115.7870, 60.2510,
-5.0752

■ 136.1540, 50.2101,
-4.5201

■ 156.5210, 40.1691,
-3.9649

■ 177.1870, 29.9808,
-2.7950

■ 196.9670, 20.2293,
-1.7251

■ 217.6330, 10.0409,
-0.5551

Harmonies

Analogous

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



80.1390, 86.2065, -70.2819



34.3080, 100.4202, -9.0401



74.8500, 38.5280, 102.7405

Triad

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



34.3080, 100.4202, -9.0401



51.8720, -25.5729, 82.5503



68.0140, 11.8251, -59.6483

Complementary

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



34.3080, 100.4202, -9.0401



203.6920, -100.4202, 9.0401

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.



56.3520, -27.7815, -49.4207



34.3080, 100.4202, -9.0401



65.2430, -32.1648, 3.2949

Square

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



34.3080, 100.4202, -9.0401



59.8000, -29.4814, 122.9554



53.4170, -26.3346, -46.8467



81.7620, 54.3473, -71.7053

Rectangle

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



34.3080, 100.4202, -9.0401



75.5130, 6.1561, 125.8381



53.4170, -26.3346, -46.8467



63.4370, -3.1734, -55.6342

Sweetspot

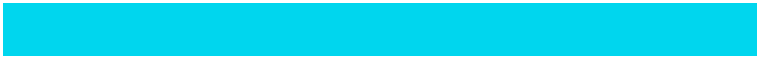
The Sweet Spot groups the original color and five complimentary colors.



34.3080, 100.4202, -9.0401



189.7570, 32.1648, -3.2949



152.7500, 42.0282, -133.9617



88.4400, 19.5031, -2.1399



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.



34.3080, 100.4202, -9.0401



36.8440, 107.5509, -9.5102



69.8890, 82.8787, 64.1183



109.6670, 5.0942, -0.5850



26.6570, 77.5701, -6.7152



8.1780, 23.5762, -1.9101

Inverse Universe

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



95.5580, 58.3919, 124.9216



102.3510, 62.4380, 133.8732



168.1110, -82.8787, -64.1183



112.8420, 3.0359, 6.2776



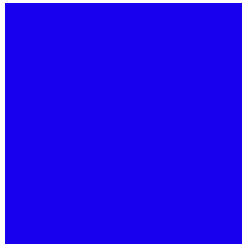
73.8260, 44.9488, 96.6226



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 34.3080, 100.4202, -9.0401 looks on a white background.

Color Contrast Check

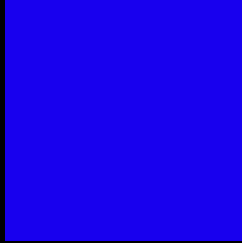
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3080, 100.4202, -9.0401 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 34.3080, 100.4202, -9.0401

Background



This preview shows how black text looks on a background with the YUV color 34.3080, 100.4202, -9.0401.



This preview shows how white text looks on a background with the YUV color 34.3080, 100.4202, -9.0401.

-9.0401.

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

57.8480, 43.9519, -50.7327

Deuteranopia

58.1610, 32.4586, -51.0072

Tritanopia

57.1230, 13.2504, -50.0969

Trichromacy



Protanomaly

49.6260, 64.2744, -35.6290

Deuteranomaly

49.6770, 56.8542, -35.6737

Tritanomaly

49.1750, 44.7767, -35.2335

Monochromacy



Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.1960, 36.3854, -3.6799

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.3080, 100.4202, -9.0401 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(24, 0, 238)` looks like.

```
.text, #text, p{  
    color:rgb(24, 0, 238)  
}
```

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(24, 0, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 0, 238) }
```

Border

The CSS property to change the border of an element to YUV 34.3080, 100.4202, -9.0401 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(24, 0, 238) }
```

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

```
.border{ border-color:rgb(24, 0, 238) }
```

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

Here you see how a box with a 4 pixel rgb(24, 0, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 0, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 0, 238);  
box-shadow:4px 4px 4px 4px rgb(24, 0, 238)  
}
```


Background

The CSS property to change the background color of an element to YUV 34.3080, 100.4202, -9.0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 0, 238) }
```

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

```
.background{ background-color: rgb(24, 0,  
238) }
```

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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