

Converting Colors

YUV(29.4060, 81.6378, -4.7411)

Have a look what the booklet for
YUV(29.4060, 81.6378, -4.7411)
contains.

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Color

**YUV(29.4060, 81.6378,
-4.7411)**

Conversions

Conversions Part 1

Format	Color
Hex	1800C3
RGB	24, 0, 195
RGB Percent	9%, 0%, 76%
CMY	0.9059, 1.0000, 0.2353
CMYK	0.88, 1.00, 0.00, 0.24
HSL	247°, 100%, 38%
HSV	247°, 100%, 76%
XYZ	10.2270, 4.1343, 51.8887
YIQ	29.4060, -48.2910, 65.7330

Conversions

Conversions Part 2

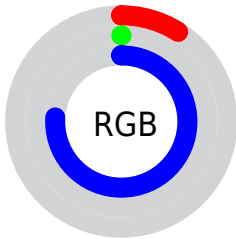
Format	Color
R_{YB}	24, 0, 195
Decimal	1573059
CIE _{Lab}	24.11, 64.92, -87.06
CIE _{LCh}	24, 108.606, 306.713
Yxy	4.1343, 0.1544, 0.0624
Android (android.graphics.Color)	4279763139 (0xFF1800C3)
YUV	29.4060, 81.6378, -4.7411
Hunter-Lab	20.3330, 54.1983, -137.0716

Details

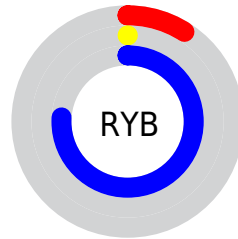
The YUV color **29.4060, 81.6378, -4.7411** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **165.5940, -81.6378, 4.7411**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4140, 76.2109, 9.2839**, and **15.8460, 60.7149, -13.8969** is the 20% darker color. If you saturate the color by 10%, you get **29.4060, 81.6378, -4.7411**, and if you desaturate by 10%, it is **45.6420, 73.6335, -4.0710**.

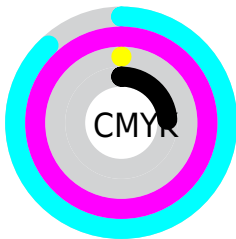
Distribution



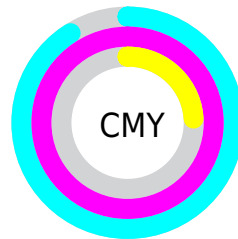
- Red (9%)
- Green (0%)
- Blue (76%)



- Red (9%)
- Yellow (0%)
- Blue (76%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (91%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.4060, 81.6378, -4.7411 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 29.4060, 81.6378, -4.7411 by changing the saturation by 10% instead.

■ 29.4060, 81.6378,
-4.7411

■ 29.4060, 81.6378,
-4.7411

■ 255.0000, 0.0000,
0.0000

■ 19.0380, 72.9453,
-16.6963

■ 98.4140, 76.2109,
9.2839

■ 15.8460, 60.7149,
-13.8969

■ 123.7710, 64.6959,
15.9868

■ 12.8820, 49.3582,
-11.2975

■ 148.8890, 52.3127,
21.1453

■ 16.9620, 34.5287,
-14.8757

■ 174.3060, 39.7821,
26.9186

■ 10.7040, 25.7819,
-9.3874

■ 199.4240, 27.3990,
32.0772

■ 6.3210, 16.6037,
-5.5435

■ 221.5410, 16.4953,


■ 2.6390, 7.5730,


29.3435


-2.3144


 238.5640, 8.1029,
14.4144


 0.0000, 0.0000,
0.0000


 29.4060, 81.6378,
-4.7411

 45.6420, 73.6335,
-4.0710

 62.4650, 65.3398,
-3.9158

 79.2880, 57.0460,
-3.7606

 95.5240, 49.0417,
-3.0905

 112.3470, 40.7479,
-2.9353

■ 128.8820, 32.5962,
-1.6505

■ 145.1180, 24.5918,
-0.9805

■ 161.9410, 16.2981,
-0.8253

■ 178.7640, 8.0043,
-0.6700

Harmonies

Analogous

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



67.3100, 80.2062, -59.0309



29.4060, 81.6378, -4.7411



61.3780, 30.8726, 84.7375

Triad

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



29.4060, 81.6378, -4.7411



42.0380, -20.7247, 67.4957



55.5100, 9.6086, -48.6823

Complementary

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



29.4060, 81.6378, -4.7411



165.5940, -81.6378, 4.7411

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.



45.7860, -22.5725, -40.1543



29.4060, 81.6378, -4.7411



52.2520, -25.7602, 2.4100

Square

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



29.4060, 81.6378, -4.7411



49.0360, -24.1747, 100.8234



43.4380, -21.4149, -38.0951



66.6190, 44.5578, -58.4249

Rectangle

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



29.4060, 81.6378, -4.7411



61.9140, 4.4794, 103.5614



43.4380, -21.4149, -38.0951



51.6170, -2.7692, -45.2681

Sweetspot

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



29.4060, 81.6378, -4.7411



188.2410, 31.4332, -1.9654



123.1940, 35.4004, -108.0411



88.7390, 19.3557, -1.5251



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.



29.4060, 81.6378, -4.7411



37.9970, 105.5035, -6.1364



58.1100, 67.4868, 54.2775



88.4390, 4.2206, -0.3850



24.3340, 67.3763, -3.8009



4.9580, 13.8247, -0.8402

Inverse Universe

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



77.7990, 45.9481, 102.7853



100.5420, 59.3858, 132.8287



136.8900, -67.4868, -54.2775



91.0160, 2.4571, 5.2480



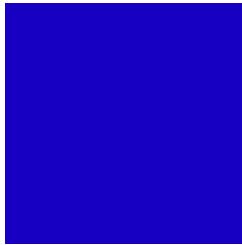
64.2130, 37.8560, 84.8822



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 29.4060, 81.6378, -4.7411 looks on a white background.

Color Contrast Check

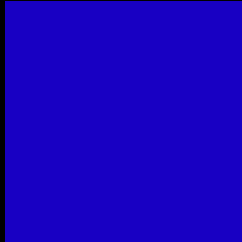
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4060, 81.6378, -4.7411 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 29.4060, 81.6378, -4.7411

Background



This preview shows how black text looks on a background with the YUV color 29.4060, 81.6378, -4.7411.



This preview shows how white text looks on a background with the YUV color 29.4060, 81.6378,

-4.7411.

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



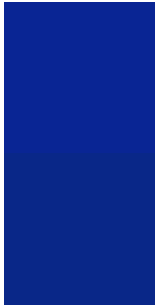
Protanopia

47.8400, 36.0679, -41.9557

Deuteranopia

48.1360, 27.0480, -42.2153

Trichromacy



Protanomaly

41.2820, 52.6120, -28.3113

Deuteranomaly

41.0880, 46.7916, -28.1412

Monochromacy



Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.7850, 29.6860, -1.5654

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.4060, 81.6378, -4.7411 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(24, 0, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 0, 195) }
```

Border

The CSS property to change the border of an element to YUV 29.4060, 81.6378, -4.7411 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, 195) }
```

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

```
.border{ border-color:rgb(24, 0, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 0, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 0, 195);  
box-shadow:4px 4px 4px 4px rgb(24, 0, 195)  
}
```


Background

The CSS property to change the background color of an element to YUV 29.4060, 81.6378, -4.7411 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, 195) }
```

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

```
.background{ background-color: rgb(24, 0,  
195) }
```

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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