

Converting Colors

YUV(18.7030, 34.1634, 9.0305)

Have a look what the booklet for
YUV(18.7030, 34.1634, 9.0305)
contains.

YUV(18.7030, 34.1634, 9.0305)	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>	30

Color

**YUV(18.7030, 34.1634,
9.0305)**

Conversions

Conversions Part 1

Format	Color
Hex	1D0058
RGB	29, 0, 88
RGB Percent	11%, 0%, 35%
CMY	0.8863, 1.0000, 0.6549
CMYK	0.67, 1.00, 0.00, 0.65
HSL	260°, 100%, 17%
HSV	260°, 100%, 35%
XYZ	2.2681, 0.9658, 9.2994
YIQ	18.7030, -10.9640, 33.5160

Conversions

Conversions Part 2

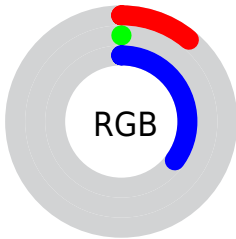
Format	Color
R_YB	29, 0, 88
Decimal	1900632
CIE Lab	8.70, 37.47, -45.49
CIE LCh	9, 58.932, 309.483
Yxy	0.9658, 0.1810, 0.0771
Android (android.graphics.Color)	4280090712 (0xFF1D0058)
YUV	18.7030, 34.1634, 9.0305
Hunter-Lab	9.8275, 23.9991, -49.2248

Details

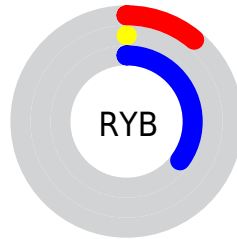
The YUV color **18.7030, 34.1634, 9.0305** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **69.2970, -34.1634, -9.0305**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.2520, 34.8788, 12.9340**, and **6.4350, 17.0405, -5.6435** is the 20% darker color. If you saturate the color by 10%, you get **18.7030, 34.1634, 9.0305**, and if you desaturate by 10%, it is **25.7800, 30.6745, 8.0859**.

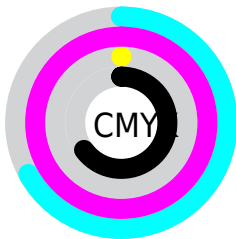
Distribution



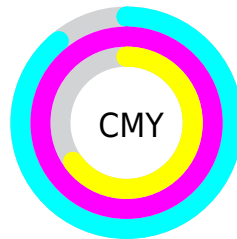
- Red (11%)
- Green (0%)
- Blue (35%)



- Red (11%)
- Yellow (0%)
- Blue (35%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (89%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.7030, 34.1634, 9.0305 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 18.7030, 34.1634, 9.0305 by changing the saturation by 10% instead.

■ 18.7030, 34.1634,
9.0305

■ 18.7030, 34.1634,
9.0305

■ 239.7380, 7.5242,
13.3848

■ 8.4920, 27.3654,
-3.9395

■ 68.2520, 34.8788,
12.9340

■ 6.4350, 17.0405,
-5.6435

■ 92.9040, 36.0363,
14.9932

■ 2.7530, 8.0098,
-2.4144

■ 118.7300, 36.6151,
16.0228


■ 0.0000, 0.0000,
0.0000


■ 145.0830, 37.9201,
17.4672


■ 171.9090, 38.4989,
18.4968


■ 196.9990, 28.5945,


21.9259


 222.1060, 16.2167,
25.3400


 18.7030, 34.1634,
9.0305

 25.7800, 30.6745,
8.0859

 32.8570, 27.1855,
7.1414

 39.3470, 23.9859,
6.7117

 46.4240, 20.4970,
5.7672

 53.2020, 17.1554,
4.2078

■ 60.2790, 13.6665,
3.2633

■ 67.3560, 10.1775,
2.3188

■ 73.8460, 6.9779,
1.8891

■ 80.9230, 3.4890,
0.9445

Harmonies

Analogous

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



29.2210, 38.3450, -25.6268



18.7030, 34.1634, 9.0305



28.7660, 11.9474, 41.4242

Triad

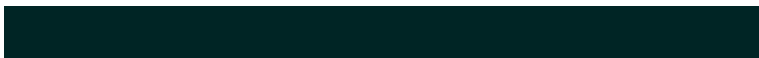
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.7030, 34.1634, 9.0305



21.7170, -10.7065, 27.4352



25.9370, 5.4541, -22.7467

Complementary

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



18.7030, 34.1634, 9.0305



69.2970, -34.1634, -9.0305

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.



21.7190, -10.7075, -19.0476



18.7030, 34.1634, 9.0305



22.4160, -11.0511, -2.1188

Square

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



18.7030, 34.1634, 9.0305



22.7240, -11.2029, 46.7231



21.7190, -10.7075, -19.0476



32.1440, 21.6210, -28.1903

Rectangle

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



18.7030, 34.1634, 9.0305



28.6070, -0.2993, 49.4567



21.7190, -10.7075, -19.0476



24.3410, -0.6611, -21.3471

Sweetspot

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



18.7030, 34.1634, 9.0305



87.5780, 13.5190, 3.8781



45.2520, 21.0748, -39.6860



42.1880, 8.2883, 1.5891



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.7030, 34.1634, 9.0305



24.4720, 44.6303, 11.8641



31.5600, 27.8249, 35.4659



39.7550, 1.5998, 0.2149



22.6630, 41.5781, 10.8195



49.8130, 91.2972, 23.8430

Inverse Universe

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



33.0380, 12.7993, 48.2017



43.1630, 16.6816, 63.0010



56.4400, -27.8249, -35.4659



40.5380, 0.7208, 2.1592



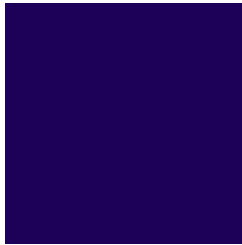
40.2010, 15.6769, 58.5827



88.1630, 33.9366, 128.7760

Previews

White Background



This preview shows how the YUV color 18.7030, 34.1634, 9.0305 looks on a white background.

Color Contrast Check

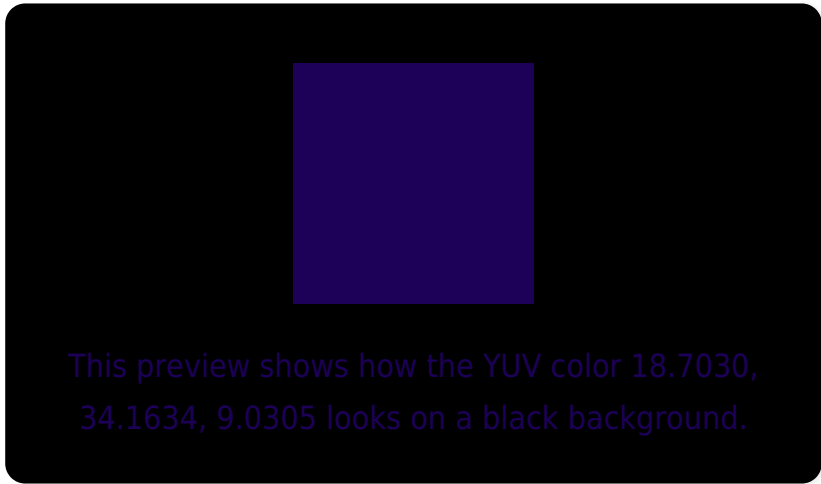
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

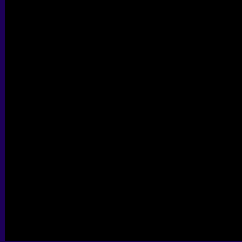
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.7030, 34.1634, 9.0305

Background



This preview shows how black text looks on a background with the YUV color 18.7030, 34.1634, 9.0305.



This preview shows how white text looks on a background with the YUV color 18.7030, 34.1634,

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

23.8630, 17.8155, -20.9279

Deuteranopia

24.0110, 13.3056, -21.0576

Trichromacy



Protanomaly

21.8350, 23.7453, -9.5023

Deuteranomaly

22.3250, 20.5458, -9.9320

Monochromacy



Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.9370, 12.3561, 3.5633

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.7030, 34.1634, 9.0305 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(29, 0, 88)` looks like.

```
.text, #text, p{  
    color:rgb(29, 0, 88)  
}
```

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(29, 0, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 0, 88) }
```

Border

The CSS property to change the border of an element to YUV 18.7030, 34.1634, 9.0305 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(29, 0, 88) }
```

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

```
.border{ border-color:rgb(29, 0, 88) }
```

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

Here you see how a box with a 4 pixel rgb(29, 0, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 0, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(29, 0, 88); box-shadow:4px  
4px 4px 4px rgb(29, 0, 88) }
```


Background

The CSS property to change the background color of an element to YUV 18.7030, 34.1634, 9.0305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 0, 88) }
```

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

```
.background{ background-color: rgb(29, 0,  
88) }
```

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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