

Converting Colors

YUV(30.4300, 18.0290, 4.0079)

Have a look what the booklet for
YUV(30.4300, 18.0290, 4.0079)
contains.

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Color

**YUV(30.4300, 18.0290,
4.0079)**

Conversions

Conversions Part 1

Format	Color
Hex	231543
RGB	35, 21, 67
RGB Percent	14%, 8%, 26%
CMY	0.8627, 0.9176, 0.7373
CMYK	0.48, 0.69, 0.00, 0.74
HSL	258°, 52%, 17%
HSV	258°, 69%, 26%
XYZ	1.9744, 1.2989, 5.4568
YIQ	30.4300, -6.4220, 17.2740

Conversions

Conversions Part 2

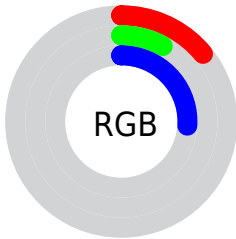
Format	Color
RYB	35, 21, 67
Decimal	2299203
CIELab	11.27, 19.91, -26.72
CIELCh	11, 33.328, 306.692
Yxy	1.2989, 0.2262, 0.1488
Android (android.graphics.Color)	4280489283 (0xFF231543)
YUV	30.4300, 18.0290, 4.0079
Hunter-Lab	11.3969, 10.9789, -20.4101




Details

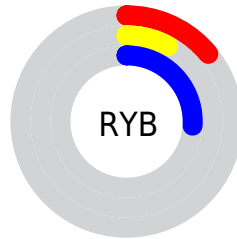
The YUV color **30.4300, 18.0290, 4.0079** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **57.5700, -18.0290, -4.0079**, and the grayscale version is **30.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **75.6090, 19.9128, 6.4819**, and **3.2090, 9.7570, -2.8143** is the 20% darker color. If you saturate the color by 10%, you get **24.8260, 20.7918, 4.5376**, and if you desaturate by 10%, it is **36.0340, 15.2662, 3.4782**.

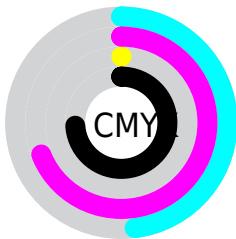
Distribution







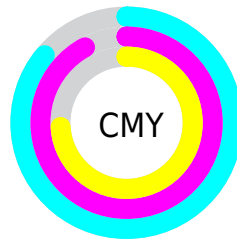
-  Red (14%)
-  Green (8%)
-  Blue (26%)






-  Red (14%)
-  Yellow (8%)
-  Blue (26%)



-  Cyan (48%)
-  Magenta (69%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (86%)
-  Magenta (92%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.4300, 18.0290, 4.0079 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 30.4300, 18.0290, 4.0079 by changing the saturation by 10% instead.

■ 30.4300, 18.0290,
4.0079

■ 30.4300, 18.0290,
4.0079

■ 250.8910, 2.0257,
3.6036

■ 10.2130, 17.1500,
5.9522

■ 75.6090, 19.9128,
6.4819

■ 3.2090, 9.7570,
-2.8143

■ 100.0220, 20.2022,
6.9967

■ 0.0000, 0.0000,
0.0000

■ 124.6630, 21.3651,
7.3115

■ 151.0760, 21.6545,
7.8263

■ 177.6030, 22.3807,
8.2412

■ 205.1300, 23.1069,

8.6560

■ 230.5790, 12.0396,
11.7702

■ 30.4300, 18.0290,
4.0079

■ 30.4300, 18.0290,
4.0079

■ 24.8260, 20.7918,
4.5376

■ 36.0340, 15.2662,
3.4782

■ 20.1080, 23.1178,
5.1673

■ 40.7520, 12.9403,
2.8485

■ 14.5040, 25.8805,
5.6970

■ 46.3560, 10.1775,
2.3188

■ 13.6180, 26.3173,
5.5970

■ 51.9600, 7.4147,
1.7891

■ 57.2650, 4.7994,
0.6446

■ 62.2820, 2.3260,
0.6297

■ 67.8860, -0.4368,
0.1000

■ 73.1910, -3.0522,
-1.0445

■ 78.2080, -5.5255,
-1.0594

Harmonies

Analogous

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



27.4480, 23.9361, -24.0719



30.4300, 18.0290, 4.0079



26.3470, 10.6749, 29.5137

Triad

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



30.4300, 18.0290, 4.0079



28.7610, -14.1792, 21.2576



27.4700, 3.7123, -24.0912

Complementary

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



30.4300, 18.0290, 4.0079



57.5700, -18.0290, -4.0079

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.



23.6910, -8.2287, -20.7770



30.4300, 18.0290, 4.0079



28.3630, -13.9830, 4.9436

Square

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



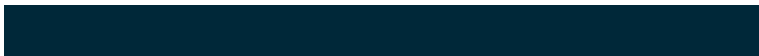
30.4300, 18.0290, 4.0079



23.8430, -11.7546, 36.9717



23.8230, -11.7447, -12.9998



29.9780, 13.3218, -26.2907

Rectangle

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



30.4300, 18.0290, 4.0079



23.9090, 4.9749, 37.7908



23.8230, -11.7447, -12.9998



26.5580, 0.2179, -23.2914

Sweetspot

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



30.4300, 18.0290, 4.0079



71.9600, 7.4147, 1.7891



45.0280, 10.8322, -21.0726



35.0370, 3.9258, 0.8446



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



30.4300, 18.0290, 4.0079



30.3730, 27.9171, 5.8119



37.3070, 14.6386, 18.1478



30.6410, 1.1630, 0.3148



19.7290, 38.0946, 8.1307



45.8680, 87.8191, 19.4098

Inverse Universe

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



38.4020, 7.1968, 25.0804



42.8150, 10.9372, 38.7502



50.6930, -14.6386, -18.1478



31.1250, 0.4314, 1.6444



36.6410, 14.9670, 52.9348



84.7600, 35.1213, 122.1135

Previews

White Background



This preview shows how the YUV color 30.4300, 18.0290, 4.0079 looks on a white background.

Color Contrast Check

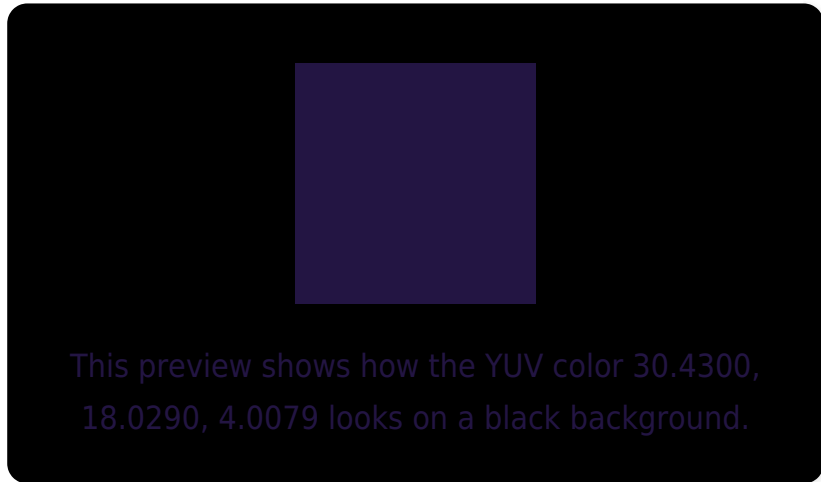
Large Text (above 18pt) WCAG AA ✓ Pass

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

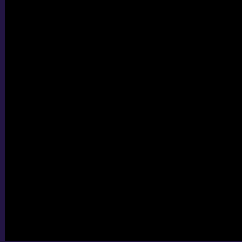
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.4300, 18.0290, 4.0079

Background



This preview shows how black text looks on a background with the YUV color 30.4300, 18.0290, 4.0079.



This preview shows how white text looks on a background with the YUV color 30.4300, 18.0290,

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

30.4300, 18.0290, 4.0079

Protanopia

24.7920, 18.8365, -21.7426

Deuteranopia

24.9400, 14.3266, -21.8724



Tritanopia

30.4340, 1.7580, -3.8886

Trichromacy



Original Color

30.4300, 18.0290, 4.0079

Protanomaly

27.0320, 18.2252, -12.3061

Deuteranomaly

27.0490, 15.7518, -12.3210

Tritanomaly

30.3510, 7.7150, -1.1848

Monochromacy



Original Color

30.4300, 18.0290, 4.0079

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.3190, 6.2517, 1.4742

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.4300, 18.0290, 4.0079 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(35, 21, 67)` looks like.

```
.text, #text, p{  
  color:rgb(35, 21, 67)  
}
```

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(35, 21, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 21, 67) }
```

Border

The CSS property to change the border of an element to YUV 30.4300, 18.0290, 4.0079 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(35, 21, 67) }
```


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

```
.border{ border-color:rgb(35, 21, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 21, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 21, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 21, 67);  
box-shadow:4px 4px 4px 4px rgb(35, 21, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.4300, 18.0290, 4.0079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 21, 67) }
```

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

```
.background{ background-color: rgb(35, 21,  
67) }
```

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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