

Converting Colors

YUV(30.0490, 52.7268,
-18.4600)

Have a look what the booklet for
YUV(30.0490, 52.7268, -18.4600)
contains.

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Color

**YUV(30.0490, 52.7268,
-18.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	091489
RGB	9, 20, 137
RGB Percent	4%, 8%, 54%
CMY	0.9647, 0.9216, 0.4627
CMYK	0.93, 0.85, 0.00, 0.46
HSL	235°, 88%, 29%
HSV	235°, 93%, 54%
XYZ	4.8782, 2.3645, 23.8662
YIQ	30.0490, -44.1130, 34.0550

Conversions

Conversions Part 2

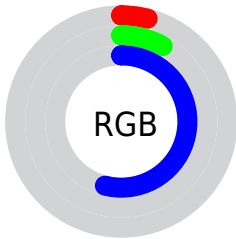
Format	Color
R_YB	9, 19, 137
Decimal	595081
CIE Lab	17.29, 42.30, -63.18
CIE LCh	17, 76.037, 303.803
Yxy	2.3645, 0.1568, 0.0760
Android (android.graphics.Color)	4278785161 (0xFF091489)
YUV	30.0490, 52.7268, -18.4600
Hunter-Lab	15.3770, 29.7171, -81.2582

Details

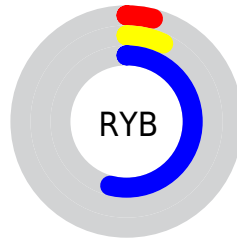
The YUV color **30.0490, 52.7268, -18.4600** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **115.9510, -52.7268, 18.4600**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.3440, 52.0884, -0.3017**, and **9.8040, 37.5646, -8.5981** is the 20% darker color. If you saturate the color by 10%, you get **22.6620, 56.3686, -19.8746**, and if you desaturate by 10%, it is **41.8660, 46.9011, -16.5455**.

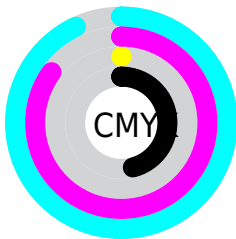
Distribution



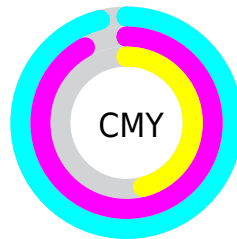
- Red (4%)
- Green (8%)
- Blue (54%)



- Red (4%)
- Yellow (7%)
- Blue (54%)



- Cyan (93%)
- Magenta (85%)
- Yellow (0%)
- Black (46%)



- Cyan (96%)
- Magenta (92%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.0490, 52.7268, -18.4600 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 30.0490, 52.7268, -18.4600 by changing the saturation by 10% instead.

■ 30.0490, 52.7268,
-18.4600

■ 30.0490, 52.7268,
-18.4600

■ 253.8260, 0.5788,
1.0296

■ 12.6540, 48.4846,
-11.0976

■ 86.3440, 52.0884,
-0.3017

■ 9.8040, 37.5646,
-8.5981

■ 112.5940, 52.9512,
2.9871

■ 10.4760, 24.9083,
-9.1875

■ 139.2460, 54.1087,
5.0463

■ 6.0930, 15.7302,
-5.3436

■ 163.8630, 44.9305,
8.8901


■ 2.4110, 6.6994,
-2.1144


■ 188.3830, 32.8422,
12.8191


■ 0.0000, 0.0000,
0.0000


■ 213.7890, 20.3170,


16.8480


 236.8030, 8.9711,
15.9588


 30.0490, 52.7268,
-18.4600


 30.0490, 52.7268,
-18.4600


 22.6620, 56.3686,
-19.8746

 41.8660, 46.9011,
-16.5455

 52.7970, 41.5121,
-14.7310

 64.6140, 35.6863,
-12.8165

 75.8440, 30.1499,
-10.3872

 87.6610, 24.3241,
-8.4727

■ 98.5920, 18.9351,
-6.6582

■ 110.4090, 13.1094,
-4.7437

■ 121.6390, 7.5730,
-2.3144

■ 133.1570, 1.8946,
-1.0147

Harmonies

Analogous

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



47.8350, 53.8183, -41.9513



30.0490, 52.7268, -18.4600



42.4810, 24.4129, 56.5832

Triad

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



30.0490, 52.7268, -18.4600



33.0680, -16.3025, 49.0524



40.8060, 4.0396, -35.7869

Complementary

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



30.0490, 52.7268, -18.4600



115.9510, -52.7268, 18.4600

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.



34.0460, -16.7847, -29.8583



30.0490, 52.7268, -18.4600



40.1800, -19.8087, 6.8581

Square

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



30.0490, 52.7268, -18.4600



35.2820, -17.3940, 72.5437



31.6980, -15.6271, -27.7991



47.6630, 27.7741, -41.8005

Rectangle

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



30.0490, 52.7268, -18.4600



43.8730, 6.4716, 71.1484



31.6980, -15.6271, -27.7991



38.5260, -4.6963, -33.7873

Sweetspot

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



30.0490, 52.7268, -18.4600



137.0480, 20.6823, -7.0581



97.2460, 13.1897, -77.3917



64.1810, 12.2358, -4.5437



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



30.0490, 52.7268, -18.4600



29.2110, 73.8460, -25.6180



38.8410, 48.3924, 18.5564



63.3850, 2.7682, -1.2146



21.6190, 54.9108, -18.9599



0.5700, 2.1840, -0.4999

Inverse Universe

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



48.5260, -14.0633, 77.5917



55.2310, -19.8339, 108.5454



107.1590, -48.3924, -18.5564



64.2070, -0.5951, 4.2035



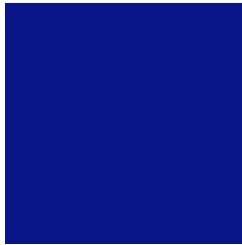
41.0210, -14.8004, 80.6656



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 30.0490, 52.7268, -18.4600 looks on a white background.

Color Contrast Check

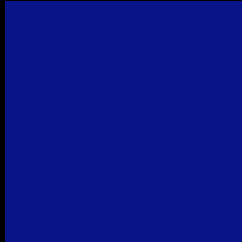
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0490, 52.7268, -18.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

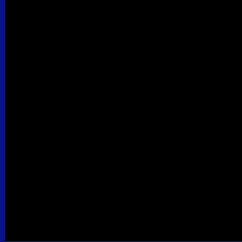
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.0490, 52.7268, -18.4600

Background



This preview shows how black text looks on a background with the YUV color 30.0490, 52.7268, -18.4600.



This preview shows how white text looks on a background with the YUV color 30.0490, 52.7268,

-18.4600.

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

30.0490, 52.7268, -18.4600

Protanopia

35.3870, 26.4312, -31.0344

Deuteranopia

35.6660, 19.8847, -31.2791



Tritanopia

34.5770, 8.0965, -30.3240

Trichromacy



Original Color

30.0490, 52.7268, -18.4600

Protanomaly

33.5260, 35.7297, -26.7713

Deuteranomaly

33.7880, 31.6565, -27.0011

Tritanomaly

32.5510, 24.3784, -25.9162

Monochromacy



Original Color

30.0490, 52.7268, -18.4600

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.7060, 19.3719, -6.7582

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.0490, 52.7268, -18.4600 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(9, 20, 137)` looks like.

```
.text, #text, p{  
  color:rgb(9, 20, 137)  
}
```

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(9, 20, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 20, 137) }
```

Border

The CSS property to change the border of an element to YUV 30.0490, 52.7268, -18.4600 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(9, 20, 137) }
```


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

```
.border{ border-color:rgb(9, 20, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 20, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 20, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 20, 137);  
box-shadow:4px 4px 4px 4px rgb(9, 20, 137)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.0490, 52.7268, -18.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 20, 137) }
```

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

```
.background{ background-color: rgb(9, 20,  
137) }
```

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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