

Converting Colors

YUV(49.1810, 76.3258, 19.1353)

Have a look what the booklet for
YUV(49.1810, 76.3258, 19.1353)
contains.

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Color

**YUV(49.1810, 76.3258,
19.1353)**

Conversions

Conversions Part 1

Format	Color
Hex	4708CC
RGB	71, 8, 204
RGB Percent	28%, 3%, 80%
CMY	0.7216, 0.9686, 0.2000
CMYK	0.65, 0.96, 0.00, 0.20
HSL	259°, 92%, 42%
HSV	259°, 96%, 80%
XYZ	13.5844, 5.8729, 57.5443
YIQ	49.1810, -25.3680, 74.3120

Conversions

Conversions Part 2

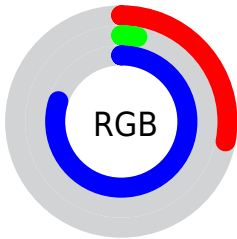
Format	Color
R_{YB}	71, 8, 204
Decimal	4655308
CIE Lab	29.09, 67.07, -83.96
CIE LCh	29, 107.459, 308.618
Yxy	5.8729, 0.1764, 0.0763
Android (android.graphics.Color)	4282845388 (0xFF4708CC)
YUV	49.1810, 76.3258, 19.1353
Hunter-Lab	24.2341, 57.6490, -123.8217

Details

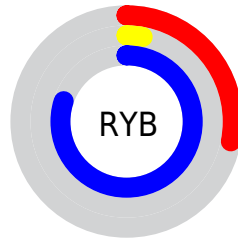
The YUV color **49.1810, 76.3258, 19.1353** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **162.8190, -76.3258, -19.1353**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2970, 70.3526, 21.6645**, and **16.8720, 64.6461, -14.7967** is the 20% darker color. If you saturate the color by 10%, you get **42.9900, 79.3779, 20.1798**, and if you desaturate by 10%, it is **65.1070, 68.4742, 17.4462**.

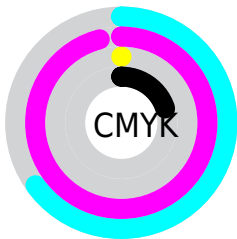
Distribution



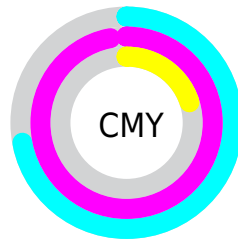
- Red (28%)
- Green (3%)
- Blue (80%)



- Red (28%)
- Yellow (3%)
- Blue (80%)



- Cyan (65%)
- Magenta (96%)
- Yellow (0%)
- Black (20%)



- Cyan (72%)
- Magenta (97%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.1810, 76.3258, 19.1353 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 49.1810, 76.3258, 19.1353 by changing the saturation by 10% instead.

■ 49.1810, 76.3258,
19.1353

■ 49.1810, 76.3258,
19.1353

■ 255.0000, 0.0000,
0.0000

■ 27.2400, 73.3387,
-2.8415

■ 112.2970, 70.3526,
21.6645

■ 16.8720, 64.6461,
-14.7967

■ 137.4150, 57.9694,
26.8230

■ 13.7940, 52.8526,
-12.0973

■ 162.5330, 45.5862,
31.9816

■ 10.8300, 41.4958,
-9.4979

■ 187.6510, 33.2031,
37.1401

■ 12.6760, 28.2607,
-11.1169

■ 211.5620, 21.4149,
38.0951


■ 7.7060, 19.3719,
-6.7582


■ 228.5850, 13.0226,


■ 3.4370, 10.6306,


23.1660


-3.0142


 245.6080, 4.6303,
8.2368


 0.0000, 0.0000,
0.0000


 49.1810, 76.3258,
19.1353

 49.1810, 76.3258,
19.1353


 42.9900, 79.3779,
20.1798

 65.1070, 68.4742,
17.4462

 81.6200, 60.3333,
15.2423

 97.5460, 52.4818,
13.5532

 113.7600, 44.4883,
10.7345

 129.6860, 36.6368,
9.0454

■ 145.6120, 28.7853,
7.3563

■ 162.1250, 20.6444,
5.1524

■ 178.0510, 12.7929,
3.4633

■ 194.5640, 4.6519,
1.2594

Harmonies

Analogous

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



73.3740, 83.1326, -64.3490



49.1810, 76.3258, 19.1353



67.2590, 31.4243, 94.4889

Triad

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



49.1810, 76.3258, 19.1353



58.8280, -29.0022, 62.4178



65.0790, 13.2721, -57.0743

Complementary

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



49.1810, 76.3258, 19.1353



162.8190, -76.3258, -19.1353

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.



53.4170, -26.3346, -46.8467



49.1810, 76.3258, 19.1353



62.2750, -30.7016, 0.6358

Square

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



49.1810, 76.3258, 19.1353



52.9230, -26.0910, 108.8155



51.0690, -25.1770, -44.7875



76.1880, 48.2213, -66.8169

Rectangle

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



49.1810, 76.3258, 19.1353



67.3820, 4.7417, 112.7980



51.0690, -25.1770, -44.7875



61.7730, 0.6049, -54.1749

Sweetspot

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



49.1810, 76.3258, 19.1353



196.6120, 28.7853, 7.3563



109.0020, 46.8340, -88.5788



92.3160, 17.5922, 4.1079



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.



49.1810, 76.3258, 19.1353



53.5880, 99.2961, 24.9173



78.1840, 62.0273, 78.7686



94.0370, 3.9258, 0.8446



34.7710, 64.6959, 15.9868



7.9200, 14.8294, 3.5782

Inverse Universe

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



81.7660, 29.2024, 107.1992



95.9670, 37.9773, 139.4719



133.8160, -62.0273, -78.7686



95.7880, 1.5835, 5.4479



62.4020, 24.4518, 90.8554



14.3260, 5.7553, 20.7621

Previews

White Background



This preview shows how the YUV color 49.1810, 76.3258, 19.1353 looks on a white background.

Color Contrast Check

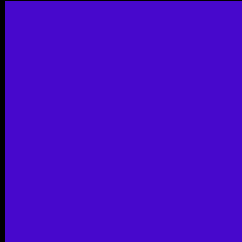
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1810, 76.3258, 19.1353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

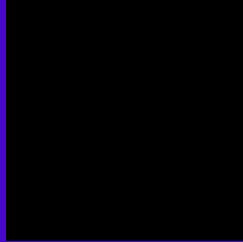
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.1810, 76.3258, 19.1353

Background



This preview shows how black text looks on a background with the YUV color 49.1810, 76.3258, 19.1353.



This preview shows how white text looks on a background with the YUV color 49.1810, 76.3258,

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

49.1810, 76.3258, 19.1353

Protanopia

55.4030, 42.1993, -48.5884

Deuteranopia

55.9440, 31.5796, -49.0629



Tritanopia

54.6610, 13.9711, -47.9377

Trichromacy



Original Color

49.1810, 76.3258, 19.1353

Protanomaly

53.4720, 54.4903, -24.0929

Deuteranomaly

53.7510, 47.9438, -24.3376

Tritanomaly

52.7760, 36.5924, -23.4826

Monochromacy



Original Color

49.1810, 76.3258, 19.1353

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9710, 27.6223, 7.0414

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.1810, 76.3258, 19.1353 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(71, 8, 204)` looks like.

```
.text, #text, p{  
    color:rgb(71, 8, 204)  
}
```

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(71, 8, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 8, 204) }
```

Border

The CSS property to change the border of an element to YUV 49.1810, 76.3258, 19.1353 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(71, 8, 204) }
```


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

```
.border{ border-color:rgb(71, 8, 204) }
```

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

Here you see how a box with a 4 pixel rgb(71, 8, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 8, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 8, 204);  
box-shadow:4px 4px 4px 4px rgb(71, 8, 204)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.1810, 76.3258, 19.1353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 8, 204) }
```

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

```
.background{ background-color: rgb(71, 8,  
204) }
```

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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