

Converting Colors

YUV(46.4780, 92.4483,
-18.8362)

Have a look what the booklet for
YUV(46.4780, 92.4483, -18.8362)
contains.

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Color

**YUV(46.4780, 92.4483,
-18.8362)**

Conversions

Conversions Part 1

Format	Color
Hex	1915EA
RGB	25, 21, 234
RGB Percent	10%, 8%, 92%
CMY	0.9020, 0.9176, 0.0824
CMYK	0.89, 0.91, 0.00, 0.08
HSL	241°, 84%, 50%
HSV	241°, 91%, 92%
XYZ	15.5204, 6.6835, 78.3139
YIQ	46.4780, -65.9890, 67.0910

Conversions

Conversions Part 2

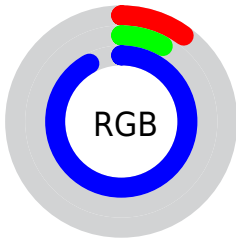
Format	Color
R_{YB}	25, 21, 234
Decimal	1644010
CIE _{Lab}	31.08, 70.38, -98.03
CIE _{LCh}	31, 120.678, 305.676
Yxy	6.6835, 0.1544, 0.0665
Android (android.graphics.Color)	4279834090 (0xFF1915EA)
YUV	46.4780, 92.4483, -18.8362
Hunter-Lab	25.8525, 61.9192, -161.5081




Details

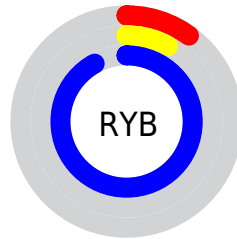
The YUV color **46.4780, 92.4483, -18.8362** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **208.5220, -92.4483, 18.8362**, and the grayscale version is **46.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **110.4370, 71.2696, 7.5098**, and **20.0640, 76.8764, -17.5961** is the 20% darker color. If you saturate the color by 10%, you get **27.8720, 101.6211, -20.9357**, and if you desaturate by 10%, it is **66.8560, 82.4020, -16.5367**.

Distribution







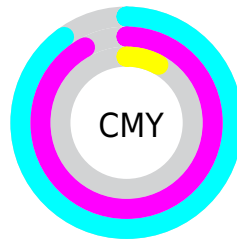
-  Red (10%)
-  Green (8%)
-  Blue (92%)






-  Red (10%)
-  Yellow (8%)
-  Blue (92%)



-  Cyan (89%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (8%)



-  Cyan (90%)
-  Magenta (92%)
-  Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.4780, 92.4483, -18.8362 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 46.4780, 92.4483, -18.8362 by changing the saturation by 10% instead.

■ 46.4780, 92.4483,
-18.8362

■ 46.4780, 92.4483,
-18.8362

255.0000, 0.0000,
0.0000

■ 23.3700, 89.5436,
-20.4955

■ 110.4370, 71.2696,
7.5098

■ 20.0640, 76.8764,
-17.5961

■ 136.1640, 58.5861,
15.6422

■ 16.9860, 65.0829,
-14.8967

■ 161.8800, 45.9082,
22.0302

■ 13.9080, 53.2894,
-12.1973

■ 187.8840, 33.0882,
27.2887

■ 19.0480, 37.4443,
-16.7051

■ 213.8880, 20.2682,
32.5472

■ 12.7900, 28.6975,
-11.2168


■ 231.5200, 11.5756,


■ 7.7060, 19.3719,


20.5920


-6.7582


 248.5430, 3.1833,
5.6628


 3.5510, 11.0674,
-3.1142


 0.0000, 0.0000,
0.0000


 46.4780, 92.4483,
-18.8362


 46.4780, 92.4483,
-18.8362

 27.8720, 101.6211,
-20.9357

 66.8560, 82.4020,
-16.5367

 87.8210, 72.0662,
-14.7520

 108.1990, 62.0199,
-12.4525

 129.1640, 51.6841,
-10.6678

■ 149.5420, 41.6378,
-8.3683

■ 169.9200, 31.5914,
-6.0688

■ 190.8850, 21.2557,
-4.2841

■ 211.2630, 11.2093,
-1.9847

■ 232.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



80.7260, 85.9171, -70.7967



46.4780, 92.4483, -18.8362



73.4690, 39.7018, 99.5667

Triad

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



46.4780, 92.4483, -18.8362



55.4050, -27.3147, 81.2058



68.9600, 10.3727, -60.4779

Complementary

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



46.4780, 92.4483, -18.8362



208.5220, -92.4483, 18.8362

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.



56.9390, -28.0709, -49.9355



46.4780, 92.4483, -18.8362



67.3250, -33.1912, 5.8540

Square

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



46.4780, 92.4483, -18.8362



59.5010, -29.3340, 122.3406



54.0040, -26.6240, -47.3615



81.5510, 51.0004, -71.5202

Rectangle

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



46.4780, 92.4483, -18.8362



74.7730, 8.4929, 122.9791



54.0040, -26.6240, -47.3615



64.6110, -3.7522, -56.6638

Sweetspot

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



46.4780, 92.4483, -18.8362



194.1650, 29.9917, -6.2837



167.9650, 32.5553, -128.8883



91.6740, 17.9087, -4.0991



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.



46.4780, 92.4483, -18.8362



30.5650, 110.6465, -22.4205



78.1720, 76.8232, 46.3302



107.2540, 4.8048, -1.0998



21.5310, 78.6182, -16.2517



6.4550, 23.4397, -4.7840

Inverse Universe

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



108.5130, 59.8931, 110.0521



104.7450, 71.6107, 131.7736



176.8280, -76.8232, -46.3302



110.5430, 3.1833, 5.6628



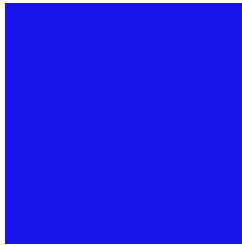
74.4110, 51.0694, 93.4786



22.1880, 15.1903, 27.8991

Previews

White Background



This preview shows how the YUV color 46.4780, 92.4483, -18.8362 looks on a white background.

Color Contrast Check

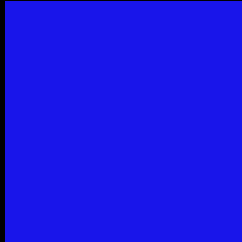
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.4780, 92.4483, -18.8362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

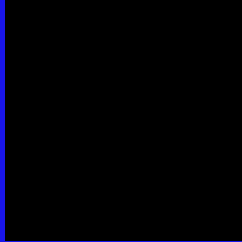
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.4780, 92.4483, -18.8362

Background



This preview shows how black text looks on a background with the YUV color 46.4780, 92.4483, -18.8362.



This preview shows how white text looks on a background with the YUV color 46.4780, 92.4483, -18.8362.

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

46.4780, 92.4483, -18.8362

Protanopia

58.5490, 44.0993, -51.3475

Deuteranopia

58.2750, 32.8954, -51.1072



Tritanopia

57.2370, 13.6872, -50.1968

Trichromacy



Original Color

46.4780, 92.4483, -18.8362

Protanomaly

54.2080, 61.5225, -39.6474

Deuteranomaly

53.7860, 54.8285, -39.2773

Tritanomaly

53.1700, 42.3142, -38.7371

Monochromacy



Original Color

46.4780, 92.4483, -18.8362

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0770, 33.4860, -7.0835

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.4780, 92.4483, -18.8362 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(25, 21, 234)` looks like.

```
.text, #text, p{  
    color:rgb(25, 21, 234)  
}
```

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(25, 21, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 21, 234) }
```

Border

The CSS property to change the border of an element to YUV 46.4780, 92.4483, -18.8362 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(25, 21, 234) }
```


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

```
.border{ border-color:rgb(25, 21, 234) }
```

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

Here you see how a box with a 4 pixel rgb(25, 21, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 21, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 21, 234);  
box-shadow:4px 4px 4px 4px rgb(25, 21,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 46.4780, 92.4483, -18.8362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 21, 234) }
```

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

```
.background{ background-color: rgb(25, 21,  
234) }
```

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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