

Converting Colors

YUV(149.7280, 46.4761,
26.5485)

Have a look what the booklet for
YUV(149.7280, 46.4761, 26.5485)
contains.

YUV(149.7280, 46.4761, 26.5485)	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>	31

Color

**YUV(149.7280, 46.4761,
26.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	B474F4
RGB	180, 116, 244
RGB Percent	71%, 45%, 96%
CMY	0.2941, 0.5451, 0.0431
CMYK	0.26, 0.52, 0.00, 0.04
HSL	270°, 85%, 71%
HSV	270°, 52%, 96%
XYZ	41.3969, 28.7257, 88.9507
YIQ	149.7280, -2.9440, 53.3760

Conversions

Conversions Part 2

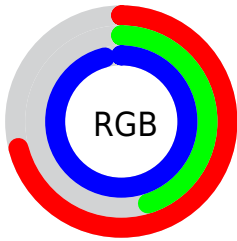
Format	Color
R _Y B	180, 116, 244
Decimal	11826420
CIE Lab	60.54, 49.10, -55.00
CIE LCh	61, 73.727, 311.754
Yxy	28.7257, 0.2602, 0.1806
Android (android.graphics.Color)	4290016500 (0xFFB474F4)
YUV	149.7280, 46.4761, 26.5485
Hunter-Lab	53.5964, 44.0766, -60.8826

Details

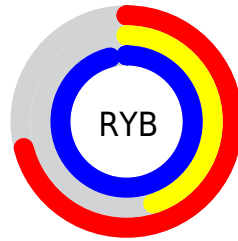
The YUV color **149.7280, 46.4761, 26.5485** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **210.2720, -46.4761, -26.5485**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0220, 27.1042, 33.3067**, and **96.5490, 44.5923, 24.0745** is the 20% darker color. If you saturate the color by 10%, you get **132.0520, 55.1904, 31.5264**, and if you desaturate by 10%, it is **167.4040, 37.7618, 21.5707**.

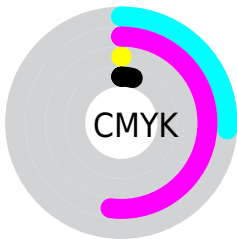
Distribution



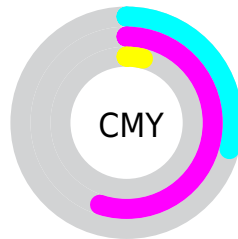
- Red (71%)
- Green (45%)
- Blue (96%)



- Red (71%)
- Yellow (45%)
- Blue (96%)



- Cyan (26%)
- Magenta (52%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (55%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7280, 46.4761, 26.5485 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 149.7280, 46.4761, 26.5485 by changing the saturation by 10% instead.

■ 149.7280, 46.4761,
26.5485

■ 149.7280, 46.4761,
26.5485

255.0000, 0.0000,
0.0000

■ 122.7880, 45.4605,
25.6189

■ 200.0220, 27.1042,
33.3067

■ 96.5490, 44.5923,
24.0745

■ 221.5410, 16.4953,
29.3435

■ 69.8370, 44.4504,
22.9450

■ 237.9770, 8.3923,
14.9292

■ 41.3640, 45.1765,
23.3598

■ 23.8590, 40.9885,
13.2787

■ 11.7400, 34.6382,
-3.2800

■ 6.6120, 25.3343,

-5.7987

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 149.7280, 46.4761,
26.5485

■ 149.7280, 46.4761,
26.5485

■ 132.0520, 55.1904,
31.5264

■ 167.4040, 37.7618,
21.5707

■ 113.7890, 64.1940,
37.0190

■ 185.6670, 28.7582,
16.0780

■ 95.8140, 73.0557,
41.3821

■ 203.6420, 19.8965,
11.7150

■ 77.5510, 82.0594,
46.8748

■ 221.9050, 10.8928,
6.2223

■ 64.2940, 88.5951,
50.6082

■ 239.5810, 2.1786,
1.2445

■ 253.1480, -4.5100,
-0.1298

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



114.1850, 69.4218, -100.1402



149.7280, 46.4761, 26.5485



142.7990, 22.2841, 86.1223

Triad

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



149.7280, 46.4761, 26.5485



137.0290, -67.5553, 61.3646



122.2190, 24.0490, -107.1861

Complementary

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



149.7280, 46.4761, 26.5485



210.2720, -46.4761, -26.5485

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.



113.2930, -5.0744, -99.3580



149.7280, 46.4761, 26.5485



134.0850, -66.1039, 15.7115

Square

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



149.7280, 46.4761, 26.5485



138.0340, -37.9778, 94.6862



123.4550, -44.1013, -41.6180



127.9990, 51.2725, -112.2551

Rectangle

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



149.7280, 46.4761, 26.5485



135.6260, 4.6214, 104.6910



123.4550, -44.1013, -41.6180



119.5970, 14.0027, -104.8866

Sweetspot

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



149.7280, 46.4761, 26.5485



224.9530, 14.8132, 8.8112



168.1600, 37.3891, -45.7443



109.4380, 9.1511, 4.8779



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.



149.7280, 46.4761, 26.5485



136.5730, 58.3845, 33.7005



168.8640, 37.0420, 65.8943



113.1620, 4.3571, 2.4889



49.0110, 67.5356, 38.5784



15.3970, 21.4963, 11.9298

Inverse Universe

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



161.5680, 9.0870, 72.2929



151.3730, 11.6481, 90.8809



191.1360, -37.0420, -65.8943



114.2720, 0.8519, 6.7775



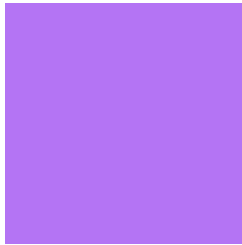
66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 149.7280, 46.4761, 26.5485 looks on a white background.

Color Contrast Check

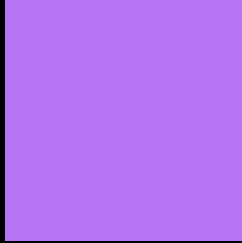
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 149.7280, 46.4761, 26.5485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

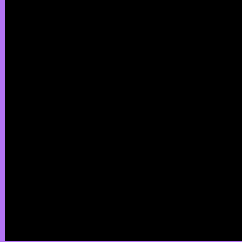
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.7280, 46.4761, 26.5485

Background



This preview shows how black text looks on a background with the YUV color 149.7280, 46.4761, 26.5485.



This preview shows how white text looks on a background with the YUV color 149.7280, 46.4761, 26.5485.

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

149.7280, 46.4761, 26.5485

Protanopia

141.4160, 55.9969, -40.7068

Deuteranopia

140.3310, 48.1508, -44.1403



Tritanopia

147.4300, 1.2670, 13.6549

Trichromacy



Original Color

149.7280, 46.4761, 26.5485



Protanomaly

144.3590, 52.5740, -16.1008



Deuteranomaly

143.9690, 47.3433, -18.3898



Tritanomaly

148.4040, 17.5488, 18.0627

Monochromacy



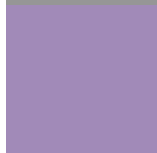
Original Color

149.7280, 46.4761, 26.5485



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.1210, 16.7023, 9.5409

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7280, 46.4761, 26.5485 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(180, 116, 244)` looks like.

```
.text, #text, p{  
    color:rgb(180, 116, 244)  
}
```

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(180, 116, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 116, 244) }
```

Border

The CSS property to change the border of an element to YUV 149.7280, 46.4761, 26.5485 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(180, 116, 244) }
```


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

```
.border{ border-color:rgb(180, 116, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 116, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 116, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 116, 244);  
box-shadow:4px 4px 4px 4px rgb(180, 116,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 149.7280, 46.4761, 26.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 116, 244) }
```

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

```
.background{ background-color: rgb(180,  
116, 244) }
```

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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