

Converting Colors

YUV(128.5370, 46.0773,
14.4381)

Have a look what the booklet for
YUV(128.5370, 46.0773, 14.4381)
contains.

YUV(128.5370, 46.0773, 14.4381)	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(128.5370, 46.0773,
14.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	9166DE
RGB	145, 102, 222
RGB Percent	57%, 40%, 87%
CMY	0.4314, 0.6000, 0.1294
CMYK	0.35, 0.54, 0.00, 0.13
HSL	262°, 65%, 64%
HSV	262°, 54%, 87%
XYZ	29.6132, 20.7964, 71.5606
YIQ	128.5370, -12.8920, 46.4360

Conversions

Conversions Part 2

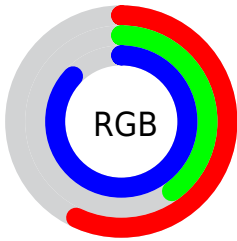
Format	Color
R _Y B	145, 102, 222
Decimal	9529054
CIE Lab	52.73, 42.73, -55.39
CIE LCh	53, 69.960, 307.646
Yxy	20.7964, 0.2428, 0.1705
Android (android.graphics.Color)	4287719134 (0xFF9166DE)
YUV	128.5370, 46.0773, 14.4381
Hunter-Lab	45.6031, 36.1070, -61.1160

Details

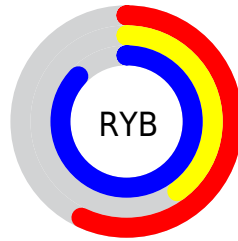
The YUV color **128.5370, 46.0773, 14.4381** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **195.4630, -46.0773, -14.4381**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8660, 37.0411, 19.4115**, and **76.6460, 44.0515, 10.8345** is the 20% darker color. If you saturate the color by 10%, you get **111.4370, 54.5076, 17.1568**, and if you desaturate by 10%, it is **145.6370, 37.6470, 11.7194**.

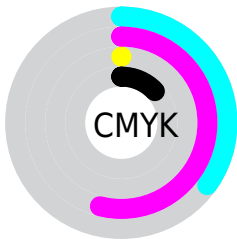
Distribution



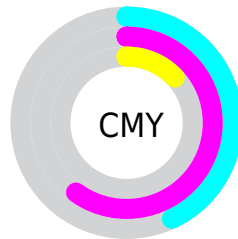
- Red (57%)
- Green (40%)
- Blue (87%)



- Red (57%)
- Yellow (40%)
- Blue (87%)



- Cyan (35%)
- Magenta (54%)
- Yellow (0%)
- Black (13%)



- Cyan (43%)
- Magenta (60%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5370, 46.0773, 14.4381 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 128.5370, 46.0773, 14.4381 by changing the saturation by 10% instead.

128.5370, 46.0773,
14.4381

128.5370, 46.0773,
14.4381

255.0000, 0.0000,
0.0000

102.2980, 45.2091,
12.8937

179.8660, 37.0411,
19.4115

76.6460, 44.0515,
10.8345

204.6850, 24.8053,
23.9553

51.1080, 43.3308,
8.6753

227.9980, 13.3120,
23.6808

23.3140, 44.2152,
4.9866

245.0210, 4.9196,
8.7516

10.0320, 38.4382,
-8.7981

7.1820, 27.5183,
-6.2986

6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 128.5370, 46.0773,
14.4381

■ 128.5370, 46.0773,
14.4381

■ 111.4370, 54.5076,
17.1568

■ 145.6370, 37.6470,
11.7194

■ 94.3370, 62.9379,
19.8755

■ 162.7370, 29.2167,
9.0007

■ 76.3510, 71.8050,
22.4942

■ 180.7230, 20.3496,
6.3819

■ 59.2510, 80.2353,
25.2129

■ 197.8230, 11.9193,
3.6632

■ 49.2280, 85.1766,
26.9870

■ 214.9230, 3.4890,
0.9445

■ 232.0230, -4.9413,
-1.7742

■ 248.2480,
-12.9403, -2.8485

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



103.1800, 70.4103, -90.4889



128.5370, 46.0773, 14.4381



123.0040, 24.6480, 74.5415

Triad

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



128.5370, 46.0773, 14.4381



118.1350, -58.2406, 60.3946



105.1840, 17.1643, -92.2464

Complementary

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



128.5370, 46.0773, 14.4381



195.4630, -46.0773, -14.4381

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.



96.8280, -9.7752, -84.9182



128.5370, 46.0773, 14.4381



116.3980, -57.3842, 18.9450

Square

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



128.5370, 46.0773, 14.4381



116.9610, -30.5468, 91.2422



105.1100, -50.8332, -29.0375



111.2090, 42.7880, -97.5303

Rectangle

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



128.5370, 46.0773, 14.4381



115.3200, 8.7162, 97.9434



105.1100, -50.8332, -29.0375



102.7900, 7.9915, -90.1468

Sweetspot

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



128.5370, 46.0773, 14.4381



223.1590, 15.6976, 5.1226



161.4660, 29.8433, -52.1517



108.5410, 9.5933, 3.0335



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.



128.5370, 46.0773, 14.4381



125.8640, 63.6640, 20.2903



146.1780, 37.3802, 50.7099



103.4500, 4.2151, 1.3593



38.9010, 67.5898, 21.1348



10.5550, 18.4604, 5.6523

Inverse Universe

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



146.6580, 15.9446, 66.0749



150.8320, 22.2678, 91.3553



177.8220, -37.3802, -50.7099



105.0870, 1.4361, 6.0627



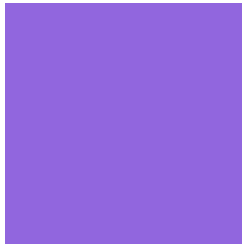
65.5060, 23.4145, 96.9032



17.8860, 6.4652, 26.4100

Previews

White Background



This preview shows how the YUV color 128.5370, 46.0773, 14.4381 looks on a white background.

Color Contrast Check

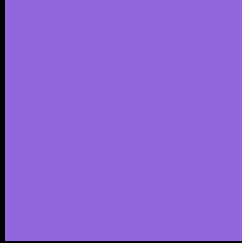
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.5370, 46.0773, 14.4381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

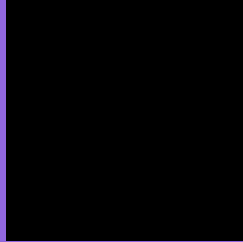
Any Text WCAG AA ✓ Pass

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 128.5370, 46.0773, 14.4381 Background



This preview shows how black text looks on a background with the YUV color 128.5370, 46.0773, 14.4381.



This preview shows how white text looks on a background with the YUV color 128.5370, 46.0773, 14.4381.

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

128.5370, 46.0773, 14.4381

Protanopia

115.9460, 62.1446, -52.5726

Deuteranopia

116.0310, 49.7777, -52.6472



Tritanopia

126.0370, 3.9258, 0.8446

Trichromacy



Original Color

128.5370, 46.0773, 14.4381

Protanomaly

120.6070, 56.3957, -28.5963

Deuteranomaly

120.5440, 48.5388, -28.5411

Tritanomaly

127.0820, 19.1866, 6.0671

Monochromacy



Original Color

128.5370, 46.0773, 14.4381

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8000, 16.8606, 5.4374

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5370, 46.0773, 14.4381 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(145, 102, 222)` looks like.

```
.text, #text, p{  
    color:rgb(145, 102, 222)  
}
```

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(145, 102, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 102, 222) }
```

Border

The CSS property to change the border of an element to YUV 128.5370, 46.0773, 14.4381 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(145, 102, 222) }
```


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

```
.border{ border-color:rgb(145, 102, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 102, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 102, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 102, 222);  
box-shadow:4px 4px 4px 4px rgb(145, 102,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 128.5370, 46.0773, 14.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 102, 222) }
```

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

```
.background{ background-color: rgb(145,  
102, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor