

Converting Colors

YUV(146.2380, 46.2247,
13.8233)

Have a look what the booklet for
YUV(146.2380, 46.2247, 13.8233)
contains.

YUV(146.2380, 46.2247, 13.8233)	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(146.2380, 46.2247,
13.8233)**

Conversions

Conversions Part 1

Format	Color
Hex	A278F0
RGB	162, 120, 240
RGB Percent	64%, 47%, 94%
CMY	0.3647, 0.5294, 0.0588
CMYK	0.33, 0.50, 0.00, 0.06
HSL	261°, 80%, 71%
HSV	261°, 50%, 94%
XYZ	37.3449, 27.4056, 85.7596
YIQ	146.2380, -13.4880, 46.2240

Conversions

Conversions Part 2

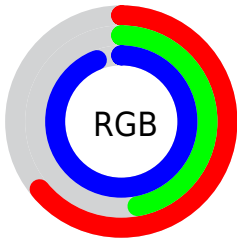
Format	Color
R _Y B	162, 120, 240
Decimal	10647792
CIE Lab	59.35, 41.44, -54.79
CIE LCh	59, 68.697, 307.100
Yxy	27.4056, 0.2481, 0.1821
Android (android.graphics.Color)	4288837872 (0xFFA278F0)
YUV	146.2380, 46.2247, 13.8233
Hunter-Lab	52.3504, 35.7226, -60.4828

Details

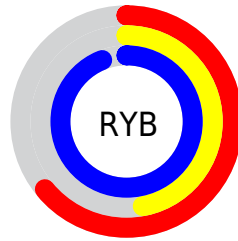
The YUV color **146.2380, 46.2247, 13.8233** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **213.7620, -46.2247, -13.8233**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.4010, 28.8893, 20.6963**, and **93.6460, 44.0515, 10.8345** is the 20% darker color. If you saturate the color by 10%, you get **127.3660, 55.5286, 16.3420**, and if you desaturate by 10%, it is **165.1100, 36.9208, 11.3045**.

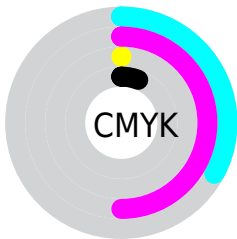
Distribution



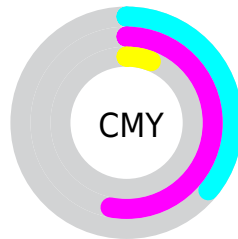
- Red (64%)
- Green (47%)
- Blue (94%)



- Red (64%)
- Yellow (47%)
- Blue (94%)



- Cyan (33%)
- Magenta (50%)
- Yellow (0%)
- Black (6%)



- Cyan (36%)
- Magenta (53%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2380, 46.2247, 13.8233 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 146.2380, 46.2247, 13.8233 by changing the saturation by 10% instead.

■ 146.2380, 46.2247,
13.8233

■ 146.2380, 46.2247,
13.8233

255.0000, 0.0000,
0.0000

■ 119.8850, 44.9197,
12.3789

■ 196.4010, 28.8893,
20.6963

■ 93.6460, 44.0515,
10.8345

■ 221.5080, 16.5116,
24.1105

■ 68.1080, 43.3308,
8.6753

■ 239.7380, 7.5242,
13.3848

■ 42.2710, 42.7574,
5.9013

■ 15.0310, 43.3687,
-3.5352

■ 9.0060, 34.5070,
-7.8983

■ 9.2050, 22.5769,

-8.0728

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 146.2380, 46.2247,
13.8233

■ 146.2380, 46.2247,
13.8233

■ 127.3660, 55.5286,
16.3420

■ 165.1100, 36.9208,
11.3045

■ 108.7930, 64.6851,
19.4755

■ 183.6830, 27.7643,
8.1710

■ 89.9210, 73.9889,
21.9943

■ 202.5550, 18.4604,
5.6523

■ 71.3480, 83.1454,
25.1278

■ 221.1280, 9.3039,
2.5187

■ 52.4760, 92.4493,
27.6465

■ 240.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,
1.4997

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



146.2380, 46.2247, 13.8233



142.7650, 23.7799, 72.9971

Triad

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



146.2380, 46.2247, 13.8233



135.6300, -58.9776, 63.4685



117.5740, 18.9440, -103.1124

Complementary

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



146.2380, 46.2247, 13.8233



213.7620, -46.2247, -13.8233

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.



108.6310, -7.7061, -95.2694



146.2380, 46.2247, 13.8233



132.3570, -65.2520, 22.4889

Square

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



146.2380, 46.2247, 13.8233



136.1460, -31.1310, 91.9570



124.7880, -45.7445, -27.8781



123.7130, 45.0045, -108.4963

Rectangle

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



146.2380, 46.2247, 13.8233



137.1410, 6.8325, 95.4693



124.7880, -45.7445, -27.8781



115.1800, 9.7713, -101.0129

Sweetspot

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



146.2380, 46.2247, 13.8233



225.2190, 14.6820, 4.1929



179.4660, 29.8433, -52.1517



110.0140, 8.8671, 2.6187



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.



146.2380, 46.2247, 13.8233



135.5880, 58.8701, 17.9013



164.1780, 37.3802, 50.7099



110.5640, 4.6519, 1.2594



40.1120, 70.9368, 20.9498



12.3640, 21.5125, 6.6968

Inverse Universe

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



164.7720, 16.3814, 65.9750



159.0330, 20.6897, 84.1631



195.8220, -37.3802, -50.7099



112.5000, 1.7255, 6.5775



68.5820, 24.8561, 101.2216



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 146.2380, 46.2247, 13.8233 looks on a white background.

Color Contrast Check

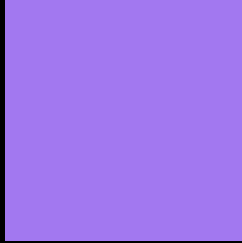
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.2380, 46.2247, 13.8233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

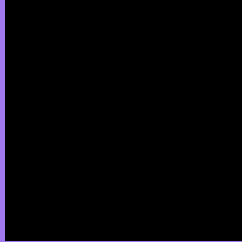
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.2380, 46.2247, 13.8233

Background



This preview shows how black text looks on a background with the YUV color 146.2380, 46.2247, 13.8233.



This preview shows how white text looks on a background with the YUV color 146.2380, 46.2247, 13.8233.

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

146.2380, 46.2247, 13.8233

Protanopia

136.9750, 58.1863, -42.9511

Deuteranopia

136.4340, 48.5930, -45.9846



Tritanopia

143.1510, 4.3626, 0.7446

Trichromacy



Original Color

146.2380, 46.2247, 13.8233



Protanomaly

140.3690, 54.0481, -22.2486



Deuteranomaly

139.7510, 47.9438, -24.3376



Tritanomaly

144.1960, 19.6234, 5.9671

Monochromacy



Original Color

146.2380, 46.2247, 13.8233



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.3870, 16.5712, 4.9226

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2380, 46.2247, 13.8233 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(162, 120, 240)` looks like.

```
.text, #text, p{  
    color:rgb(162, 120, 240)  
}
```

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(162, 120, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 120, 240) }
```

Border

The CSS property to change the border of an element to YUV 146.2380, 46.2247, 13.8233 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(162, 120, 240) }
```


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

```
.border{ border-color:rgb(162, 120, 240) }
```

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

Here you see how a box with a 4 pixel rgb(162, 120, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 120, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 120, 240);  
box-shadow:4px 4px 4px 4px rgb(162, 120,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 146.2380, 46.2247, 13.8233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 120, 240) }
```

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

```
.background{ background-color: rgb(162,  
120, 240) }
```

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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