

Converting Colors

YUV(146.1050, 34.4582, 7.8009)

Have a look what the booklet for
YUV(146.1050, 34.4582, 7.8009)
contains.

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Color

**YUV(146.1050, 34.4582,
7.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	9B80D8
RGB	155, 128, 216
RGB Percent	61%, 50%, 85%
CMY	0.3922, 0.4980, 0.1529
CMYK	0.28, 0.41, 0.00, 0.15
HSL	258°, 53%, 67%
HSV	258°, 41%, 85%
XYZ	33.6314, 27.3648, 68.4751
YIQ	146.1050, -12.1560, 33.0920

Conversions

Conversions Part 2

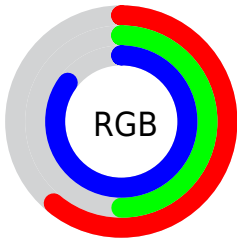
Format	Color
RYB	155, 128, 216
Decimal	10191064
CIELab	59.31, 29.03, -41.51
CIELCh	59, 50.653, 304.974
Yxy	27.3648, 0.2598, 0.2114
Android (android.graphics.Color)	4288381144 (0xFF9B80D8)
YUV	146.1050, 34.4582, 7.8009
Hunter-Lab	52.3113, 23.2143, -40.9922

Details

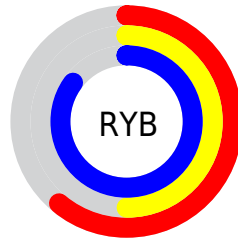
The YUV color **146.1050, 34.4582, 7.8009** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **197.8950, -34.4582, -7.8009**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4060, 27.9008, 11.0449**, and **94.3390, 32.8639, 5.8417** is the 20% darker color. If you saturate the color by 10%, you get **128.7060, 43.0359, 9.9048**, and if you desaturate by 10%, it is **163.5040, 25.8805, 5.6970**.

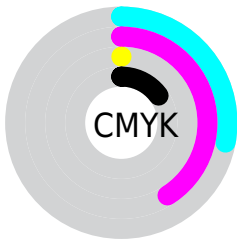
Distribution



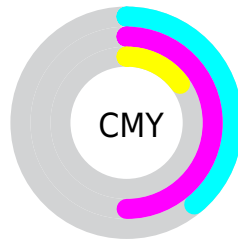
- Red (61%)
- Green (50%)
- Blue (85%)



- Red (61%)
- Yellow (50%)
- Blue (85%)



- Cyan (28%)
- Magenta (41%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (50%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.1050, 34.4582, 7.8009 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 146.1050, 34.4582, 7.8009 by changing the saturation by 10% instead.

■ 146.1050, 34.4582,
7.8009

■ 146.1050, 34.4582,
7.8009

255.0000, 0.0000,
0.0000

■ 120.1650, 33.4427,
6.8713

■ 198.4060, 27.9008,
11.0449

■ 94.3390, 32.8639,
5.8417

■ 223.5130, 15.5231,
14.4591

■ 69.9860, 31.5589,
4.3973

■ 244.4340, 5.2090,
9.2664

■ 46.3340, 30.4013,
2.3381

■ 22.6000, 30.2702,
-2.2802

■ 6.8400, 26.2079,
-5.9987

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 146.1050, 34.4582,
7.8009

■ 146.1050, 34.4582,
7.8009

■ 128.7060, 43.0359,
9.9048

■ 163.5040, 25.8805,
5.6970

■ 111.8940, 51.3243,
11.4940

■ 180.3160, 17.5922,
4.1079

■ 94.4950, 59.9020,
13.5979

■ 197.7150, 9.0145,
2.0039

■ 77.6830, 68.1903,
15.1870

■ 214.5270, 0.7262,
0.4148

■ 60.2840, 76.7680,
17.2909

■ 231.9260, -7.8515,
-1.6891

■ 44.3580, 84.6195,
18.9800

■ 247.5640,
-15.5611, -2.2486

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



132.0800, 48.7676, -55.3212



146.1050, 34.4582, 7.8009



146.4880, 17.0144, 49.5610

Triad

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



146.1050, 34.4582, 7.8009



140.4060, -39.1472, 49.6329



113.8410, 17.3334, -99.8386

Complementary

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



146.1050, 34.4582, 7.8009



197.8950, -34.4582, -7.8009

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.



120.2910, -8.5245, -66.0302



146.1050, 34.4582, 7.8009



137.5520, -44.1491, 20.5639

Square

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



146.1050, 34.4582, 7.8009



141.6530, -23.4929, 68.7103



132.5950, -32.8313, -16.3078



118.2700, 36.8419, -103.7228

Rectangle

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



146.1050, 34.4582, 7.8009



144.1560, 3.8671, 66.5152



132.5950, -32.8313, -16.3078



111.5440, 11.0708, -97.8241

Sweetspot

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



146.1050, 34.4582, 7.8009



230.5240, 12.0667, 3.0485



174.4260, 20.4960, -40.7156



113.5470, 7.1253, 1.2743



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.



146.1050, 34.4582, 7.8009



155.6120, 48.9983, 10.8643



158.9620, 28.1197, 34.2363



98.4500, 4.2152, 1.3594



35.0420, 67.0273, 14.8722



8.7890, 16.8660, 3.6930

Inverse Universe

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



161.2660, 13.6729, 48.0017



177.2930, 19.5756, 68.1490



185.0380, -28.1197, -34.2363



100.2010, 1.8729, 5.9627



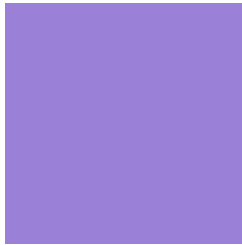
64.5810, 26.3356, 93.3295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 146.1050, 34.4582, 7.8009 looks on a white background.

Color Contrast Check

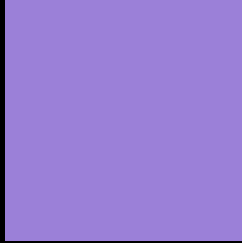
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.1050, 34.4582, 7.8009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

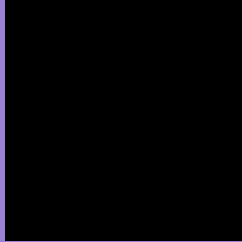
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.1050, 34.4582, 7.8009

Background



This preview shows how black text looks on a background with the YUV color 146.1050, 34.4582, 7.8009.



This preview shows how white text looks on a background with the YUV color 146.1050, 34.4582, 7.8009.

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

146.1050, 34.4582, 7.8009

Protanopia

140.8340, 41.9868, -27.0414

Deuteranopia

140.8250, 35.5823, -26.1565



Tritanopia

143.5530, 4.6574, -0.4850

Trichromacy



Original Color

146.1050, 34.4582, 7.8009

Protanomaly

142.8140, 39.0387, -14.7459

Deuteranomaly

142.7880, 35.1075, -13.8461

Tritanomaly

144.4360, 15.5611, 2.2486

Monochromacy



Original Color

146.1050, 34.4582, 7.8009

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.6380, 12.5035, 2.9485

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.1050, 34.4582, 7.8009 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(155, 128, 216)` looks like.

```
.text, #text, p{  
    color:rgb(155, 128, 216)  
}
```

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(155, 128, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 128, 216) }
```

Border

The CSS property to change the border of an element to YUV 146.1050, 34.4582, 7.8009 is called "border". The border property can be set on classes, ids or directly on the HTML element.

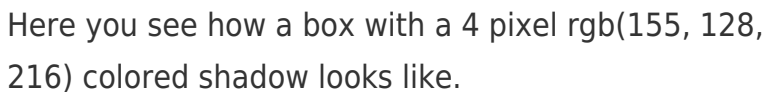
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 128, 216) }
```


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

```
.border{ border-color:rgb(155, 128, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 128, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 128, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 128, 216);  
box-shadow:4px 4px 4px 4px rgb(155, 128,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 146.1050, 34.4582, 7.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 128, 216) }
```

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

```
.background{ background-color: rgb(155,  
128, 216) }
```

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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