

Converting Colors

YUV(146.6900, 40.5788, 4.6569)

Have a look what the booklet for
YUV(146.6900, 40.5788, 4.6569)
contains.

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Color

**YUV(146.6900, 40.5788,
4.6569)**

Conversions

Conversions Part 1

Format	Color
Hex	9880E5
RGB	152, 128, 229
RGB Percent	60%, 50%, 90%
CMY	0.4039, 0.4980, 0.1020
CMYK	0.34, 0.44, 0.00, 0.10
HSL	254°, 66%, 70%
HSV	254°, 44%, 90%
XYZ	34.8109, 27.7709, 77.6543
YIQ	146.6900, -18.1170, 36.4990

Conversions

Conversions Part 2

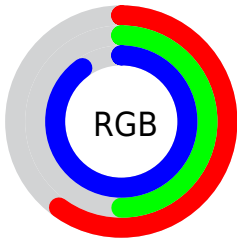
Format	Color
R_{YB}	152, 128, 229
Decimal	9994469
CIE _{Lab}	59.68, 31.52, -48.20
CIE _{LCh}	60, 57.597, 303.183
Yxy	27.7709, 0.2482, 0.1980
Android (android.graphics.Color)	4288184549 (0xFF9880E5)
YUV	146.6900, 40.5788, 4.6569
Hunter-Lab	52.6981, 25.6906, -50.4793

Details

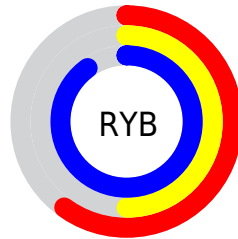
The YUV color **146.6900, 40.5788, 4.6569** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **210.3100, -40.5788, -4.6569**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8080, 28.1957, 9.8154**, and **94.5110, 38.6951, 2.1829** is the 20% darker color. If you saturate the color by 10%, you get **128.1060, 49.7407, 6.0460**, and if you desaturate by 10%, it is **165.2740, 31.4169, 3.2677**.

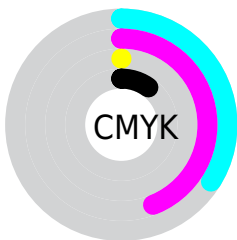
Distribution



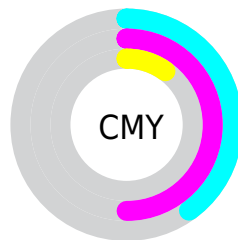
- Red (60%)
- Green (50%)
- Blue (90%)



- Red (60%)
- Yellow (50%)
- Blue (90%)



- Cyan (34%)
- Magenta (44%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (50%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.6900, 40.5788, 4.6569 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 146.6900, 40.5788, 4.6569 by changing the saturation by 10% instead.

■ 146.6900, 40.5788,
4.6569

■ 146.6900, 40.5788,
4.6569

255.0000, 0.0000,
0.0000

■ 120.4510, 39.7107,
3.1125

■ 197.8080, 28.1957,
9.8154

■ 94.5110, 38.6951,
2.1829

■ 222.9150, 15.8179,
13.2295

■ 69.8590, 37.5375,
0.1237

■ 244.4340, 5.2090,
9.2664

■ 45.3100, 36.8222,
-3.7799

■ 18.3580, 37.2915,
-14.3460

■ 7.9800, 30.5759,
-6.9985

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 146.6900, 40.5788,
4.6569

■ 146.6900, 40.5788,
4.6569

■ 128.1060, 49.7407,
6.0460

■ 165.2740, 31.4169,
3.2677

■ 109.2230, 59.0501,
6.8204

■ 184.1570, 22.1076,
2.4933

■ 90.6390, 68.2120,
8.2096

■ 202.7410, 12.9457,
1.1041

■ 71.7560, 77.5213,
8.9840

■ 221.6240, 3.6364,
0.3298

■ 53.1720, 86.6832,
10.3732

■ 240.2080, -5.5255,
-1.0594

■ 42.2520, 92.0668,
10.3030

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



117.7960, 62.7116, -94.5371



146.6900, 40.5788, 4.6569



146.9600, 21.2187, 54.4091

Triad

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



146.6900, 40.5788, 4.6569



140.1960, -43.9736, 57.7101



115.4880, 16.0284, -101.2830

Complementary

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



146.6900, 40.5788, 4.6569



210.3100, -40.5788, -4.6569

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.



113.7790, -8.7650, -82.2442



146.6900, 40.5788, 4.6569



136.8100, -52.1643, 24.7226

Square

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



146.6900, 40.5788, 4.6569



140.4910, -24.3991, 79.3764



131.8740, -39.3779, -16.5525



120.6010, 38.1577, -105.7671

Rectangle

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



146.6900, 40.5788, 4.6569



143.4220, 7.1870, 75.0519



131.8740, -39.3779, -16.5525



112.8490, 8.4554, -98.9686

Sweetspot

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



146.6900, 40.5788, 4.6569



228.1540, 13.2351, 1.6189



184.7130, 21.8335, -49.7373



110.8890, 8.4357, 0.9743



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.



146.6900, 40.5788, 4.6569



144.9580, 54.2507, 6.1758



161.6400, 33.2085, 35.3957



105.2650, 4.7994, 0.6446



32.9640, 71.9957, 7.9246



9.4020, 20.5078, 2.2784

Inverse Universe

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



166.9770, 18.7453, 54.3942



172.1070, 25.0902, 72.6972



195.3600, -33.2085, -35.3957



107.6140, 2.1623, 6.4775



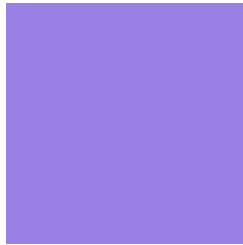
69.0250, 33.0187, 96.4481



19.6950, 9.5174, 27.4545

Previews

White Background



This preview shows how the YUV color 146.6900, 40.5788, 4.6569 looks on a white background.

Color Contrast Check

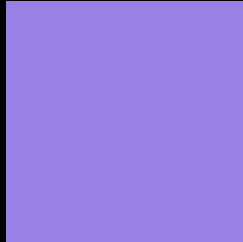
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.6900, 40.5788, 4.6569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

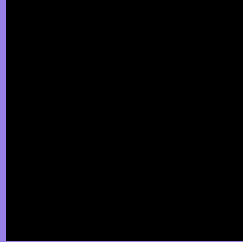
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.6900, 40.5788, 4.6569

Background



This preview shows how black text looks on a background with the YUV color 146.6900, 40.5788, 4.6569.



This preview shows how white text looks on a background with the YUV color 146.6900, 40.5788,

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

146.6900, 40.5788, 4.6569

Protanopia

140.0380, 49.2813, -33.3593

Deuteranopia

139.8930, 42.4508, -35.8632



Tritanopia

143.2750, 6.2734, -5.5032

Trichromacy



Original Color

146.6900, 40.5788, 4.6569

Protanomaly

142.6160, 46.0383, -19.8342

Deuteranomaly

142.1660, 41.8232, -21.1936

Tritanomaly

144.3260, 19.0663, -2.0399

Monochromacy



Original Color

146.6900, 40.5788, 4.6569

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9090, 14.8349, 1.8338

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.6900, 40.5788, 4.6569 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(152, 128, 229)` looks like.

```
.text, #text, p{  
    color:rgb(152, 128, 229)  
}
```

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(152, 128, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 128, 229) }
```

Border

The CSS property to change the border of an element to YUV 146.6900, 40.5788, 4.6569 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(152, 128, 229) }
```


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

```
.border{ border-color:rgb(152, 128, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 128, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 128, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 128, 229); box-shadow:4px 4px 4px 4px rgb(152, 128, 229) }
```

Background

The CSS property to change the background color of an element to YUV 146.6900, 40.5788, 4.6569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 128, 229) }
```

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

```
.background{ background-color: rgb(152,  
128, 229) }
```

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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