

Converting Colors

YUV(148.5680, 35.7090,
26.6889)

Have a look what the booklet for
YUV(148.5680, 35.7090, 26.6889)
contains.

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Color

**YUV(148.5680, 35.7090,
26.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	B377DD
RGB	179, 119, 221
RGB Percent	70%, 47%, 87%
CMY	0.2980, 0.5333, 0.1333
CMYK	0.19, 0.46, 0.00, 0.13
HSL	275°, 60%, 67%
HSV	275°, 46%, 87%
XYZ	38.2384, 27.9978, 71.7953
YIQ	148.5680, 3.0180, 44.4420

Conversions

Conversions Part 2

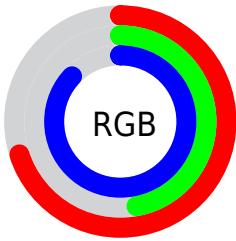
Format	Color
R _Y B	179, 119, 221
Decimal	11761629
CIE _{Lab}	59.89, 42.01, -43.24
CIE _{LCh}	60, 60.288, 314.177
Yxy	27.9978, 0.2770, 0.2028
Android (android.graphics.Color)	4289951709 (0xFFB377DD)
YUV	148.5680, 35.7090, 26.6889
Hunter-Lab	52.9130, 36.3981, -43.4090

Details

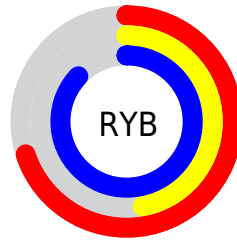
The YUV color **148.5680, 35.7090, 26.6889** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **191.4320, -35.7090, -26.6889**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.1850, 26.5308, 30.5328**, and **95.8020, 34.1146, 24.7296** is the 20% darker color. If you saturate the color by 10%, you get **132.9630, 43.4022, 32.4814**, and if you desaturate by 10%, it is **164.1730, 28.0157, 20.8963**.

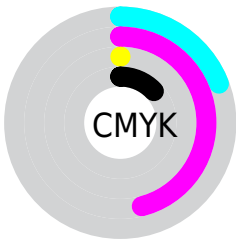
Distribution



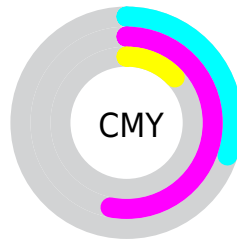
- Red (70%)
- Green (47%)
- Blue (87%)



- Red (70%)
- Yellow (47%)
- Blue (87%)



- Cyan (19%)
- Magenta (46%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (53%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.5680, 35.7090, 26.6889 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 148.5680, 35.7090, 26.6889 by changing the saturation by 10% instead.

■ 148.5680, 35.7090,
26.6889

■ 148.5680, 35.7090,
26.6889

■ 255.0000, 0.0000,
0.0000

■ 121.7420, 35.1302,
25.6593

■ 201.1850, 26.5308,
30.5328

■ 95.8020, 34.1146,
24.7296

■ 222.7150, 15.9165,
28.3139

■ 70.6770, 33.6832,
23.0853

■ 239.7380, 7.5242,
13.3848

■ 44.6770, 33.6832,
23.0853

■ 23.4870, 31.8049,
18.8669

■ 14.4720, 24.4173,
8.3561

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 148.5680, 35.7090,
26.6889

■ 148.5680, 35.7090,
26.6889

■ 132.9630, 43.4022,
32.4814

■ 164.1730, 28.0157,
20.8963

■ 117.3580, 51.0955,
38.2740

■ 179.7780, 20.3224,
15.1037

■ 101.7530, 58.7888,
44.0666

■ 195.3830, 12.6292,
9.3111

■ 86.1480, 66.4820,
49.8592

■ 210.9880, 4.9359,
3.5185

69.6570, 74.6121,
55.5518

227.4790, -3.1941,
-2.1741

64.0640, 77.3694,
57.8259

243.0840,
-10.8874, -7.9667

247.5360,
-13.0822, -3.9781

250.2270,
-14.4089, 1.5549

251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



137.3400, 54.5554, -45.0252



148.5680, 35.7090, 26.6889



145.0500, 14.7654, 70.9932

Triad

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



148.5680, 35.7090, 26.6889



138.7790, -51.6560, 48.4288



119.0560, 24.6224, -104.4121

Complementary

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



148.5680, 35.7090, 26.6889



191.4320, -35.7090, -26.6889

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.



111.4980, 0.7405, -97.7837



148.5680, 35.7090, 26.6889



135.2660, -53.8681, 11.1677

Square

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



148.5680, 35.7090, 26.6889



140.9500, -33.9923, 76.3429



127.7020, -31.8981, -35.6957



122.7670, 46.4569, -107.6667

Rectangle

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



148.5680, 35.7090, 26.6889



141.8980, -1.4287, 85.1585



127.7020, -31.8981, -35.6957



116.3030, 16.6126, -101.9977

Sweetspot

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



148.5680, 35.7090, 26.6889



229.3830, 12.6292, 9.3111



155.8690, 32.1096, -32.3341



112.3950, 7.6933, 5.7926



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.



148.5680, 35.7090, 26.6889



155.4780, 49.0643, 36.4148



160.2140, 26.0235, 53.3093



102.0480, 3.9203, 2.5889



50.2200, 60.5305, 45.4111



13.3170, 16.1127, 12.0000

Inverse Universe

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



154.2860, 3.3100, 58.5082



163.4720, 4.6973, 80.2701



179.9000, -25.5867, -53.4093



102.7450, 0.1257, 6.3626



59.8210, 5.5112, 99.2580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 148.5680, 35.7090, 26.6889 looks on a white background.

Color Contrast Check

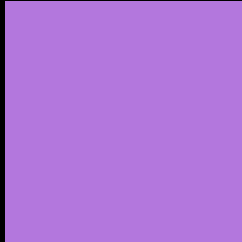
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.5680, 35.7090, 26.6889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

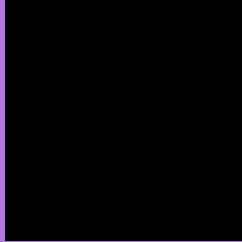
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.5680, 35.7090, 26.6889

Background



This preview shows how black text looks on a background with the YUV color 148.5680, 35.7090, 26.6889.



This preview shows how white text looks on a background with the YUV color 148.5680, 35.7090,

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

148.5680, 35.7090, 26.6889

Protanopia

141.0380, 49.2813, -33.3593

Deuteranopia

142.6400, 36.1665, -26.8713



Tritanopia

146.5230, 0.2352, 17.9583

Trichromacy



Original Color

148.5680, 35.7090, 26.6889



Protanomaly

143.9160, 44.4114, -11.3273



Deuteranomaly

144.7610, 36.1068, -7.6834



Tritanomaly

147.2750, 13.1754, 20.8068

Monochromacy



Original Color

148.5680, 35.7090, 26.6889



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.7960, 12.9186, 9.8259

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.5680, 35.7090, 26.6889 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(179, 119, 221)` looks like.

```
.text, #text, p{  
    color:rgb(179, 119, 221)  
}
```

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(179, 119, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 119, 221) }
```

Border

The CSS property to change the border of an element to YUV 148.5680, 35.7090, 26.6889 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(179, 119, 221) }
```


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

```
.border{ border-color:rgb(179, 119, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 119, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 119, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 119, 221);  
box-shadow:4px 4px 4px 4px rgb(179, 119,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 148.5680, 35.7090, 26.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 119, 221) }
```

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

```
.background{ background-color: rgb(179,  
119, 221) }
```

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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