

Converting Colors

YUV(176.8490, 36.0634, 6.2714)

Have a look what the booklet for
YUV(176.8490, 36.0634, 6.2714)
contains.

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Color

**YUV(176.8490, 36.0634,
6.2714)**

Conversions

Conversions Part 1

Format	Color
Hex	B89FFA
RGB	184, 159, 250
RGB Percent	72%, 62%, 98%
CMY	0.2784, 0.3765, 0.0196
CMYK	0.26, 0.36, 0.00, 0.02
HSL	256°, 90%, 80%
HSV	256°, 36%, 98%
XYZ	49.4206, 41.8887, 95.9231
YIQ	176.8490, -14.3110, 33.6010

Conversions

Conversions Part 2

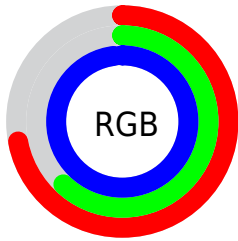
Format	Color
RYB	184, 159, 250
Decimal	12099578
CIELab	70.79, 27.95, -42.08
CIELCh	71, 50.518, 303.591
Yxy	41.8887, 0.2640, 0.2237
Android (android.graphics.Color)	4290289658 (0xFFB89FFA)
YUV	176.8490, 36.0634, 6.2714
Hunter-Lab	64.7215, 23.0379, -42.5680

Details

The YUV color **176.8490, 36.0634, 6.2714** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **232.1510, -36.0634, -6.2714**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7470, 13.9287, 12.4999**, and **123.3820, 34.3217, 4.9270** is the 20% darker color. If you saturate the color by 10%, you get **156.7920, 45.9515, 8.0754**, and if you desaturate by 10%, it is **196.9060, 26.1753, 4.4674**.

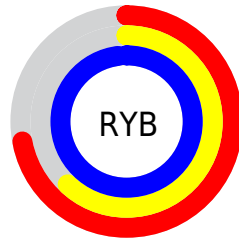
Distribution



Red (72%)

Green (62%)

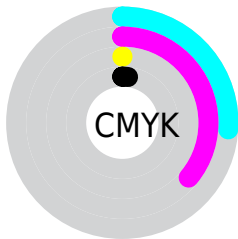
Blue (98%)



Red (72%)

Yellow (62%)

Blue (98%)

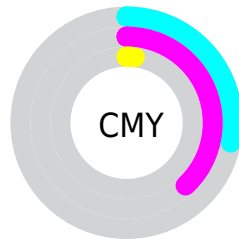


Cyan (26%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8490, 36.0634, 6.2714 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 176.8490, 36.0634, 6.2714 by changing the saturation by 10% instead.

176.8490, 36.0634,
6.2714

176.8490, 36.0634,
6.2714

255.0000, 0.0000,
0.0000

149.9090, 35.0479,
5.3418

226.7470, 13.9287,
12.4999

123.3820, 34.3217,
4.9270

247.3690, 3.7621,
6.6924

98.1430, 33.4535,
3.3826

73.2030, 32.4379,
2.4530

49.2520, 31.4278,
-0.2210

25.4040, 30.8598,
-4.7393

7.2960, 27.9551,

-6.3986

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 176.8490, 36.0634,
6.2714

■ 176.8490, 36.0634,
6.2714

■ 156.7920, 45.9515,
8.0754

■ 196.9060, 26.1753,
4.4674

■ 136.7350, 55.8396,
9.8794

■ 216.9630, 16.2872,
2.6634

■ 116.6780, 65.7277,
11.6834

■ 237.0200, 6.3991,
0.8595

■ 96.3220, 75.7633,
12.8726

■ 254.4300, -2.1840,
0.4999

■ 76.2650, 85.6514,
14.6766

■ 56.2080, 95.5395,
16.4806

■ 49.1310, 99.0284,
17.4251

Harmonies

Analogous

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



163.1790, 45.2678, -52.7770



176.8490, 36.0634, 6.2714



178.1290, 18.1774, 49.8759

Triad

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



176.8490, 36.0634, 6.2714



171.6130, -39.7422, 53.8364



135.8170, 20.3032, -119.1115

Complementary

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



176.8490, 36.0634, 6.2714



232.1510, -36.0634, -6.2714

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.



153.9390, -11.3089, -59.5825



176.8490, 36.0634, 6.2714



168.7480, -44.7388, 23.0230

Square

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



176.8490, 36.0634, 6.2714



173.2620, -23.7932, 71.6842



163.2640, -34.1472, -14.2635



139.8870, 40.9747, -122.6809

Rectangle

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



176.8490, 36.0634, 6.2714



175.9820, 4.4459, 67.5448



163.2640, -34.1472, -14.2635



133.4060, 13.6038, -116.9971

Sweetspot

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



176.8490, 36.0634, 6.2714



232.5840, 11.0511, 2.1188



208.7030, 20.3594, -43.5895



114.1340, 6.8359, 0.7595



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.



176.8490, 36.0634, 6.2714



165.0370, 44.3518, 7.8606



190.3040, 29.4301, 33.9364



114.6780, 5.0887, 1.1594



37.0940, 74.8897, 13.0726



12.0370, 24.1388, 4.3526

Inverse Universe

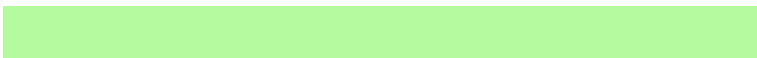
The Inverse Universe completely reimagines the original color for something new.



193.7330, 15.4146, 49.3462



185.7220, 18.8711, 60.7568



218.6960, -29.4301, -33.9364



117.0270, 2.4517, 6.9923



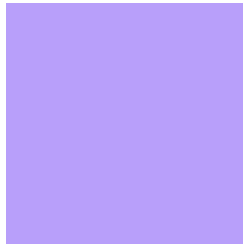
72.1290, 31.9814, 102.4959



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 176.8490, 36.0634, 6.2714 looks on a white background.

Color Contrast Check

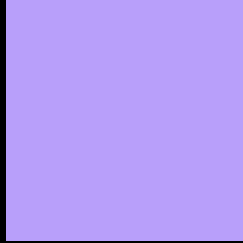
Large Text (above 18pt) WCAG AA × Fail

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 176.8490, 36.0634, 6.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

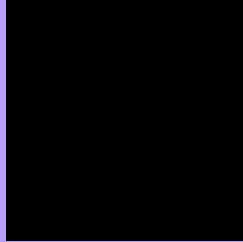
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.8490, 36.0634, 6.2714

Background



This preview shows how black text looks on a background with the YUV color 176.8490, 36.0634, 6.2714.



This preview shows how white text looks on a background with the YUV color 176.8490, 36.0634, 6.2714.

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

176.8490, 36.0634, 6.2714

Protanopia

172.2150, 40.8130, -23.8676

Deuteranopia

172.4770, 36.7398, -24.0973



Tritanopia

173.5960, 6.1152, -1.3997

Trichromacy



Original Color

176.8490, 36.0634, 6.2714

Protanomaly

173.8250, 39.0333, -13.0015

Deuteranomaly

173.8420, 36.5599, -13.0164

Tritanomaly

174.4790, 17.0189, 1.3339

Monochromacy



Original Color

176.8490, 36.0634, 6.2714

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8660, 13.3771, 2.7485

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8490, 36.0634, 6.2714 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(184, 159, 250)` looks like.

```
.text, #text, p{  
    color:rgb(184, 159, 250)  
}
```

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(184, 159, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 159, 250) }
```

Border

The CSS property to change the border of an element to YUV 176.8490, 36.0634, 6.2714 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(184, 159, 250) }
```


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

```
.border{ border-color:rgb(184, 159, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 159, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 159, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 159, 250);  
box-shadow:4px 4px 4px 4px rgb(184, 159,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 176.8490, 36.0634, 6.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 159, 250) }
```

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

```
.background{ background-color: rgb(184,  
159, 250) }
```

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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