

Converting Colors

YUV(175.3000, 35.3481, 2.3679)

Have a look what the booklet for
YUV(175.3000, 35.3481, 2.3679)
contains.

YUV(175.3000, 35.3481, 2.3679)	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(175.3000, 35.3481,
2.3679)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A0F7
RGB	178, 160, 247
RGB Percent	70%, 63%, 97%
CMY	0.3020, 0.3725, 0.0314
CMYK	0.28, 0.35, 0.00, 0.03
HSL	252°, 84%, 80%
HSV	252°, 35%, 97%
XYZ	47.7194, 41.3220, 93.4565
YIQ	175.3000, -17.1990, 30.8730

Conversions

Conversions Part 2

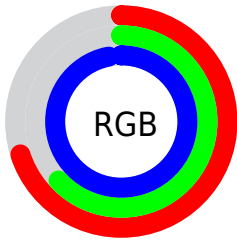
Format	Color
R _Y B	178, 160, 247
Decimal	11706615
CIE Lab	70.40, 24.98, -41.10
CIE LCh	70, 48.097, 301.286
Yxy	41.3220, 0.2615, 0.2264
Android (android.graphics.Color)	4289896695 (0xFFB2A0F7)
YUV	175.3000, 35.3481, 2.3679
Hunter-Lab	64.2822, 20.0143, -41.2011

Details

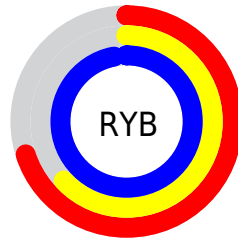
The YUV color **175.3000, 35.3481, 2.3679** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **231.7000, -35.3481, -2.3679**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5400, 14.5238, 8.2964**, and **121.8330, 33.6063, 1.0235** is the 20% darker color. If you saturate the color by 10%, you get **154.6450, 45.5310, 2.9423**, and if you desaturate by 10%, it is **195.9550, 25.1652, 1.7935**.

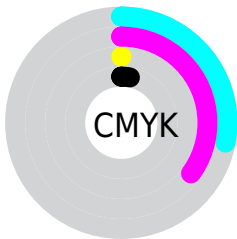
Distribution



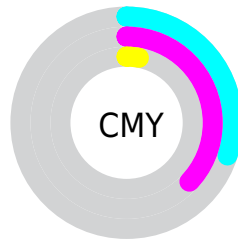
- Red (70%)
- Green (63%)
- Blue (97%)



- Red (70%)
- Yellow (63%)
- Blue (97%)



- Cyan (28%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)



- Cyan (30%)
- Magenta (37%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3000, 35.3481, 2.3679 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 175.3000, 35.3481, 2.3679 by changing the saturation by 10% instead.

■ 175.3000, 35.3481,
2.3679

■ 175.3000, 35.3481,
2.3679

■ 255.0000, 0.0000,
0.0000

■ 148.3600, 34.3325,
1.4383

■ 225.5400, 14.5238,
8.2964

■ 121.8330, 33.6063,
1.0235

■ 247.9560, 3.4727,
6.1776

■ 96.8930, 32.5908,
0.0938

■ 72.2410, 31.4332,
-1.9654

■ 48.5890, 30.2756,
-4.0246

■ 23.9580, 30.5867,
-10.4872

■ 7.0680, 27.0815,

-6.1986

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 175.3000, 35.3481,
2.3679

■ 175.3000, 35.3481,
2.3679

■ 154.6450, 45.5310,
2.9423

■ 195.9550, 25.1652,
1.7935

■ 134.8760, 55.2771,
3.6167

■ 215.7240, 15.4191,
1.1191

■ 114.2210, 65.4600,
4.1912

■ 236.3790, 5.2362,
0.5446

■ 93.8650, 75.4956,
5.3804

■ 254.0880, -3.4944,
0.7998

■ 73.7970, 85.3891,
5.4400

■ 53.1420, 95.5720,
6.0145

■ 43.4070, 100.3713,
6.6591

Harmonies

Analogous

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



162.5810, 45.5626, -54.0065



175.3000, 35.3481, 2.3679



177.2100, 18.6305, 44.5428

Triad

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



175.3000, 35.3481, 2.3679



171.2970, -37.1214, 53.2365



134.1870, 19.1348, -117.6820

Complementary

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



175.3000, 35.3481, 2.3679



231.7000, -35.3481, -2.3679

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.



155.5270, -13.0778, -52.2052



175.3000, 35.3481, 2.3679



168.0410, -42.4182, 25.3970

Square

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



175.3000, 35.3481, 2.3679



172.8210, -21.6038, 69.4400



163.6990, -33.8686, -10.2600



138.5020, 38.2065, -121.4663

Rectangle

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



175.3000, 35.3481, 2.3679



175.5900, 5.6251, 62.6266



163.6990, -33.8686, -10.2600



142.2410, 7.2762, -94.0504

Sweetspot

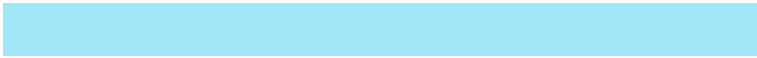
The Sweet Spot groups the original color and five complimentary colors.



175.3000, 35.3481, 2.3679



231.9860, 11.3459, 0.8893



211.0080, 17.7441, -44.7340



113.8350, 6.9833, 0.1447



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.



175.3000, 35.3481, 2.3679



166.7760, 43.4944, 2.8274



188.1570, 29.0096, 28.8033



112.2650, 4.7994, 0.6446



32.8650, 75.4956, 5.3804



10.3140, 24.0022, 1.4786

Inverse Universe

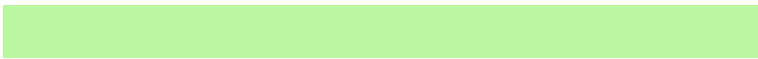
The Inverse Universe completely reimagines the original color for something new.



193.8790, 17.3147, 46.5871



189.6830, 21.3553, 57.2830



218.8430, -29.0096, -28.8033



114.7280, 2.5991, 6.3775



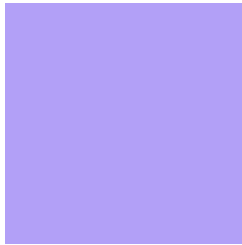
72.4860, 37.2284, 99.5518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 175.3000, 35.3481, 2.3679 looks on a white background.

Color Contrast Check

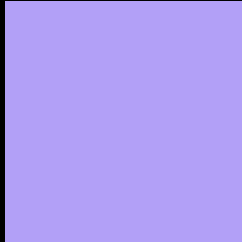
Large Text (above 18pt) WCAG AA × Fail

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 175.3000, 35.3481, 2.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

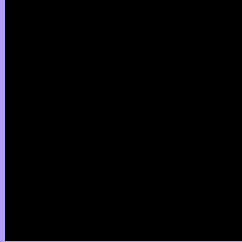
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.3000, 35.3481, 2.3679

Background



This preview shows how black text looks on a background with the YUV color 175.3000, 35.3481, 2.3679.



This preview shows how white text looks on a background with the YUV color 175.3000, 35.3481,

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

175.3000, 35.3481, 2.3679

Protanopia

171.0300, 41.3972, -24.5823

Deuteranopia

171.0750, 36.4450, -22.8678



Tritanopia

171.8020, 6.9996, -5.0884

Trichromacy



Original Color

175.3000, 35.3481, 2.3679

Protanomaly

172.8140, 39.0387, -14.7459

Deuteranomaly

172.4290, 36.2705, -13.5312

Tritanomaly

173.1580, 17.1771, -2.7696

Monochromacy



Original Color

175.3000, 35.3481, 2.3679

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.3280, 12.6563, 0.5893

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3000, 35.3481, 2.3679 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(178, 160, 247)` looks like.

```
.text, #text, p{  
    color:rgb(178, 160, 247)  
}
```

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(178, 160, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 160, 247) }
```

Border

The CSS property to change the border of an element to YUV 175.3000, 35.3481, 2.3679 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(178, 160, 247) }
```


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

```
.border{ border-color:rgb(178, 160, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 160, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 160, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 160, 247);  
box-shadow:4px 4px 4px 4px rgb(178, 160,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 175.3000, 35.3481, 2.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 160, 247) }
```

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

```
.background{ background-color: rgb(178,  
160, 247) }
```

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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