

Converting Colors

YUV(139.7750, 35.1139,
30.8923)

Have a look what the booklet for
YUV(139.7750, 35.1139, 30.8923)
contains.

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Color

**YUV(139.7750, 35.1139,
30.8923)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6CD3
RGB	175, 108, 211
RGB Percent	69%, 42%, 83%
CMY	0.3137, 0.5765, 0.1725
CMYK	0.17, 0.49, 0.00, 0.17
HSL	279°, 54%, 63%
HSV	279°, 49%, 83%
XYZ	34.7996, 24.5422, 64.5310
YIQ	139.7750, 6.8690, 46.2370

Conversions

Conversions Part 2

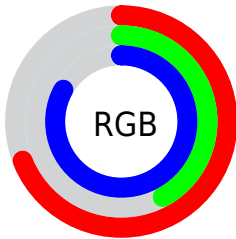
Format	Color
R_{YB}	175, 108, 211
Decimal	11496659
CIE _{Lab}	56.63, 44.65, -42.78
CIE _{LCh}	57, 61.836, 316.227
Yxy	24.5422, 0.2809, 0.1981
Android (android.graphics.Color)	4289686739 (0xFFAF6CD3)
YUV	139.7750, 35.1139, 30.8923
Hunter-Lab	49.5401, 38.6927, -42.5531

Details

The YUV color **139.7750, 35.1139, 30.8923** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **179.2250, -35.1139, -30.8923**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9450, 30.5931, 34.2512**, and **87.1230, 33.9564, 28.8331** is the 20% darker color. If you saturate the color by 10%, you get **125.3550, 42.2230, 37.3997**, and if you desaturate by 10%, it is **154.1950, 28.0049, 24.3850**.

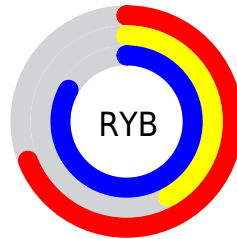
Distribution



Red (69%)

Green (42%)

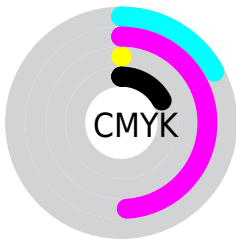
Blue (83%)



Red (69%)

Yellow (42%)

Blue (83%)

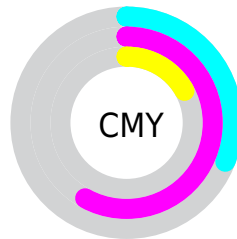


Cyan (17%)

Magenta (49%)

Yellow (0%)

Black (17%)



Cyan (31%)

Magenta (58%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.7750, 35.1139, 30.8923 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 139.7750, 35.1139, 30.8923 by changing the saturation by 10% instead.


 139.7750, 35.1139,
30.8923


 139.7750, 35.1139,
30.8923


255.0000, 0.0000,
0.0000


 112.9490, 34.5351,
29.8627


 192.9450, 30.5931,
34.2512


 87.1230, 33.9564,
28.8331


 216.2580, 19.0998,
33.9767


 61.2970, 33.3776,
27.8035

 232.6940, 10.9969,
19.5624

 32.4760, 35.2613,
30.2775

 249.7170, 2.6045,
4.6332

 21.2650, 28.4634,
17.3076

 11.4670, 21.9548,
4.8524

 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 139.7750, 35.1139,
30.8923

■ 139.7750, 35.1139,
30.8923

■ 125.3550, 42.2230,
37.3997

■ 154.1950, 28.0049,
24.3850

■ 110.6360, 49.4795,
43.2922

■ 168.9140, 20.7484,
18.4924

■ 96.2160, 56.5885,
49.7996

■ 183.3340, 13.6393,
11.9851

■ 81.7960, 63.6976,
56.3069

■ 197.7540, 6.5303,
5.4777

66.4900, 71.2434,
62.7143

212.4730, -0.7262,
-0.4148

65.0170, 71.9696,
63.1291

227.4800, -8.1246,
-7.4370

241.6120,
-15.0917, -12.8147

243.7050,
-16.1236, -8.5113

245.7980,
-17.1554, -4.2078

Harmonies

Analogous

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



129.3620, 54.5445, -41.5365



139.7750, 35.1139, 30.8923



134.8440, 13.8809, 74.6818

Triad

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



139.7750, 35.1139, 30.8923



129.2150, -56.3080, 47.1694



113.2030, 25.0429, -99.2790

Complementary

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



139.7750, 35.1139, 30.8923



179.2250, -35.1139, -30.8923

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.



105.6450, 1.1610, -92.6507



139.7750, 35.1139, 30.8923



124.4030, -58.3727, 9.2936

Square

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



139.7750, 35.1139, 30.8923



130.8960, -35.4447, 75.5132



117.5980, -30.8608, -41.7434



117.0280, 47.3142, -102.6336

Rectangle

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



139.7750, 35.1139, 30.8923



131.3930, -2.1657, 88.2323



117.5980, -30.8608, -41.7434



111.1510, 17.1806, -97.4794

Sweetspot

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



139.7750, 35.1139, 30.8923



228.8070, 12.9131, 11.5703



140.8740, 34.5721, -28.8305



111.8080, 7.9827, 6.3074



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.



139.7750, 35.1139, 30.8923



151.1030, 51.2212, 44.6367



148.8290, 23.2553, 54.5240



97.3470, 3.7729, 3.2037



51.7430, 57.3147, 50.2144



12.7470, 13.9287, 12.4999

Inverse Universe

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



142.9010, 0.5418, 59.7228



155.7780, 0.6024, 87.0177



170.1710, -23.2553, -54.5240



97.7450, 0.1257, 6.3626



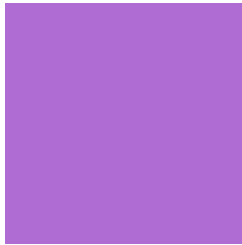
56.9580, 1.0067, 97.3838



13.8550, 0.0715, 23.8062

Previews

White Background



This preview shows how the YUV color 139.7750, 35.1139, 30.8923 looks on a white background.

Color Contrast Check

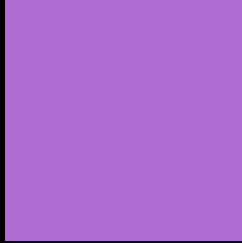
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7750, 35.1139, 30.8923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

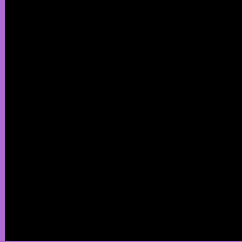
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.7750, 35.1139, 30.8923

Background



This preview shows how black text looks on a background with the YUV color 139.7750, 35.1139, 30.8923.



This preview shows how white text looks on a background with the YUV color 139.7750, 35.1139,

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

139.7750, 35.1139, 30.8923

Protanopia

132.1410, 49.7235, -35.2037

Deuteranopia

134.1130, 35.4403, -27.2861



Tritanopia

138.2030, -1.0861, 21.7470

Trichromacy



Original Color

139.7750, 35.1139, 30.8923



Protanomaly

134.9160, 44.4114, -11.3273



Deuteranomaly

136.2450, 35.3752, -6.3539



Tritanomaly

138.3680, 12.1436, 25.1103

Monochromacy



Original Color

139.7750, 35.1139, 30.8923



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

139.8070, 12.9131, 11.5703

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.7750, 35.1139, 30.8923 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(175, 108, 211)` looks like.

```
.text, #text, p{  
    color:rgb(175, 108, 211)  
}
```

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(175, 108, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 108, 211) }
```

Border

The CSS property to change the border of an element to YUV 139.7750, 35.1139, 30.8923 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(175, 108, 211) }
```


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

```
.border{ border-color:rgb(175, 108, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 108, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 108, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 108, 211);  
box-shadow:4px 4px 4px 4px rgb(175, 108,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 139.7750, 35.1139, 30.8923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 108, 211) }
```

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

```
.background{ background-color: rgb(175,  
108, 211) }
```

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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