

Converting Colors

YUV(144.0870, 28.5511,
35.8807)

Have a look what the booklet for
YUV(144.0870, 28.5511, 35.8807)
contains.

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Color

**YUV(144.0870, 28.5511,
35.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	B970CA
RGB	185, 112, 202
RGB Percent	73%, 44%, 79%
CMY	0.2745, 0.5608, 0.2078
CMYK	0.08, 0.45, 0.00, 0.21
HSL	289°, 46%, 62%
HSV	289°, 45%, 79%
XYZ	36.4624, 26.1669, 59.0061
YIQ	144.0870, 14.6180, 43.4660

Conversions

Conversions Part 2

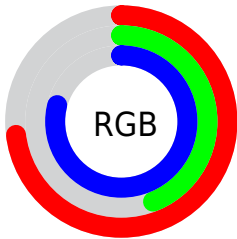
Format	Color
R _{YB}	185, 112, 202
Decimal	12153034
CIE Lab	58.20, 43.50, -35.14
CIE LCh	58, 55.917, 321.071
Yxy	26.1669, 0.2998, 0.2151
Android (android.graphics.Color)	4290343114 (0xFFB970CA)
YUV	144.0870, 28.5511, 35.8807
Hunter-Lab	51.1536, 37.7165, -32.5839

Details

The YUV color **144.0870, 28.5511, 35.8807** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **169.9130, -28.5511, -35.8807**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2830, 27.9615, 38.3398**, and **91.5490, 27.8303, 33.7215** is the 20% darker color. If you saturate the color by 10%, you get **131.1510, 34.9286, 43.7176**, and if you desaturate by 10%, it is **157.0230, 22.1737, 28.0438**.

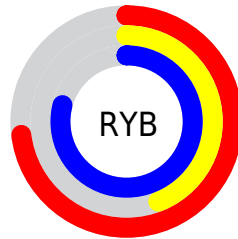
Distribution



Red (73%)

Green (44%)

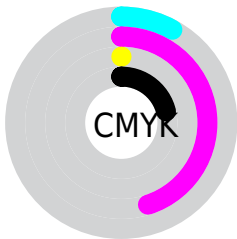
Blue (79%)



Red (73%)

Yellow (44%)

Blue (79%)

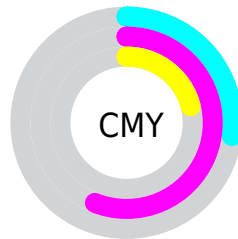


Cyan (8%)

Magenta (45%)

Yellow (0%)

Black (21%)



Cyan (27%)

Magenta (56%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.0870, 28.5511, 35.8807 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 144.0870, 28.5511, 35.8807 by changing the saturation by 10% instead.

■ 144.0870, 28.5511,
35.8807

■ 144.0870, 28.5511,
35.8807

255.0000, 0.0000,
0.0000

■ 117.2610, 27.9723,
34.8511

■ 198.2830, 27.9615,
38.3398

■ 91.5490, 27.8303,
33.7215

■ 218.6060, 17.9422,
31.9175

■ 65.4350, 27.3935,
33.8215

■ 235.6290, 9.5499,
16.9884

■ 37.2010, 28.9879,
35.7807

■ 252.6520, 1.1576,
2.0592

■ 23.7560, 23.7843,
24.7700

■ 14.8550, 16.8335,
14.1592

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 144.0870, 28.5511,
35.8807

■ 144.0870, 28.5511,
35.8807

■ 131.1510, 34.9286,
43.7176

■ 157.0230, 22.1737,
28.0438

■ 118.2150, 41.3060,
51.5544

■ 169.9590, 15.7962,
20.2070

■ 104.9910, 47.8254,
60.5209

■ 183.1830, 9.2768,
11.2405

■ 92.0550, 54.2029,
68.3578

■ 196.1190, 2.8993,
3.4036

■ 79.1190, 60.5803,
76.1946

■ 209.0550, -3.4781,
-4.4332

72.0640, 64.0584,
80.6279

221.9910, -9.8556,
-12.2701

234.9270,
-16.2330, -20.1070

237.2970,
-17.4014, -18.6775

238.1940,
-17.8436, -16.8331

Harmonies

Analogous

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



138.6050, 46.0437, -21.5786



144.0870, 28.5511, 35.8807



140.3290, 8.2188, 70.7485

Triad

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



144.0870, 28.5511, 35.8807



134.6960, -49.1501, 37.9776



115.5170, 28.8321, -101.3084

Complementary

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



144.0870, 28.5511, 35.8807



169.9130, -28.5511, -35.8807

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.



109.7030, 6.5554, -96.2095



144.0870, 28.5511, 35.8807



130.7900, -45.2525, 1.0612

Square

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



144.0870, 28.5511, 35.8807



137.1290, -35.5596, 65.6619



122.5250, -23.4298, -45.1874



118.4300, 47.6090, -103.8631

Rectangle

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



144.0870, 28.5511, 35.8807



137.7850, -6.7960, 79.9956



122.5250, -23.4298, -45.1874



114.1660, 21.1172, -100.1236

Sweetspot

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



144.0870, 28.5511, 35.8807



233.8350, 10.4343, 13.2997



132.8260, 34.1028, -18.2644



114.4770, 6.6668, 8.3517



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.



144.0870, 28.5511, 35.8807



167.9810, 42.9004, 53.5137



146.0920, 14.2516, 49.0313



95.5320, 3.1887, 3.9184



58.9900, 52.7559, 65.7838



13.6010, 12.0287, 15.2589

Inverse Universe

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



140.8480, -5.8411, 53.6303



163.2150, -8.9800, 80.4954



167.9080, -14.2516, -49.0313



95.2180, -0.6005, 5.9478



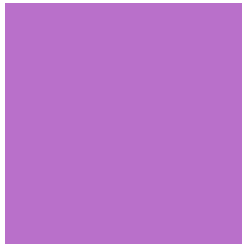
53.1680, -10.9288, 98.9537



12.1600, -2.5439, 22.6617

Previews

White Background



This preview shows how the YUV color 144.0870, 28.5511, 35.8807 looks on a white background.

Color Contrast Check

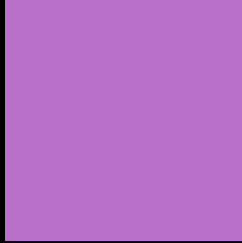
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.0870, 28.5511, 35.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

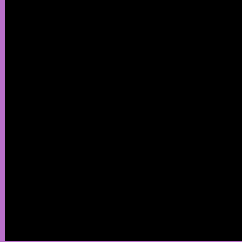
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.0870, 28.5511, 35.8807

Background



This preview shows how black text looks on a background with the YUV color 144.0870, 28.5511, 35.8807.



This preview shows how white text looks on a background with the YUV color 144.0870, 28.5511, 35.8807.

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

144.0870, 28.5511, 35.8807

Protanopia

137.8340, 41.9868, -27.0414

Deuteranopia

139.9310, 28.1350, -17.4795



Tritanopia

142.7910, -2.8550, 29.1243

Trichromacy



Original Color

144.0870, 28.5511, 35.8807



Protanomaly

140.0110, 36.9696, -4.3946



Deuteranomaly

141.4650, 28.3648, 2.2232



Tritanomaly

143.4890, 8.6329, 31.1431

Monochromacy



Original Color

144.0870, 28.5511, 35.8807



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.8350, 10.4343, 13.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.0870, 28.5511, 35.8807 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(185, 112, 202)` looks like.

```
.text, #text, p{  
    color:rgb(185, 112, 202)  
}
```

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(185, 112, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 112, 202) }
```

Border

The CSS property to change the border of an element to YUV 144.0870, 28.5511, 35.8807 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(185, 112, 202) }
```


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

```
.border{ border-color:rgb(185, 112, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 112, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 112, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 112, 202);  
box-shadow:4px 4px 4px 4px rgb(185, 112,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 144.0870, 28.5511, 35.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 112, 202) }
```

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

```
.background{ background-color: rgb(185,  
112, 202) }
```

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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