

Converting Colors

YUV(136.1560, 24.0801,
70.0232)

Have a look what the booklet for
YUV(136.1560, 24.0801, 70.0232)
contains.

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Color

**YUV(136.1560, 24.0801,
70.0232)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D856B9 |
| RGB | 216, 86, 185 |
| RGB Percent | 85%, 34%, 73% |
| CMY | 0.1529, 0.6627, 0.2745 |
| CMYK | 0.00, 0.60, 0.14, 0.15 |
| HSL | 314°, 62%, 59% |
| HSV | 314°, 60%, 85% |
| XYZ | 40.4036, 24.7573, 48.5481 |
| YIQ | 136.1560, 45.7010, 58.3490 |

Conversions

Conversions Part 2

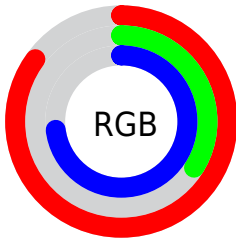
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 216, 86, 185 |
| Decimal | 14177977 |
| CIE _{Lab} | 56.84, 61.99, -27.21 |
| CIE _{LCh} | 57, 67.701, 336.303 |
| Y _{xy} | 24.7573, 0.3553, 0.2177 |
| Android (android.graphics.Color) | 4292368057 (0xFFD856B9) |
| YUV | 136.1560, 24.0801, 70.0232 |
| Hunter-Lab | 49.7567, 57.8721, -23.0201 |

Details

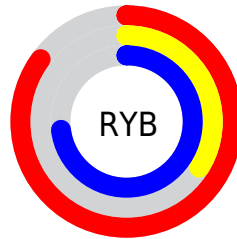
The YUV color **136.1560, 24.0801, 70.0232** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **165.8440, -24.0801, -70.0232**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.0730, 26.5860, 59.5720**, and **74.6170, 28.2898, 73.1269** is the 20% darker color. If you saturate the color by 10%, you get **122.6720, 28.2627, 81.8487**, and if you desaturate by 10%, it is **149.6400, 19.8975, 58.1977**.

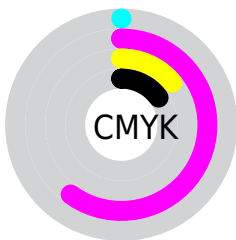
Distribution



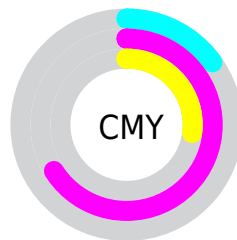
- Red (85%)
- Green (34%)
- Blue (73%)



- Red (85%)
- Yellow (34%)
- Blue (73%)



- Cyan (0%)
- Magenta (60%)
- Yellow (14%)
- Black (15%)





- Cyan (15%)
- Magenta (66%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1560, 24.0801, 70.0232 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 136.1560, 24.0801, 70.0232 by changing the saturation by 10% instead.


 136.1560, 24.0801,
70.0232


 136.1560, 24.0801,
70.0232


255.0000, 0.0000,
0.0000


 107.3840, 24.9537,
69.8232


 187.0730, 26.5860,
59.5720

 74.6170, 28.2898,
73.1269


 205.6920, 24.3088,
43.2431

 50.9540, 27.1377,
69.3233

 222.1280, 16.2059,
28.8287

 39.8460, 20.7819,
54.5091

 239.7380, 7.5242,
13.3848

 29.0370, 14.2788,
40.3096

 19.0540, 8.3544,
27.1396

 3.9450, 3.4781,

4.4332

■ 0.0000, 0.0000,
0.0000

■ 136.1560, 24.0801,
70.0232

■ 136.1560, 24.0801,
70.0232

■ 122.6720, 28.2627,
81.8487

■ 149.6400, 19.8975,
58.1977

■ 109.7750, 32.1559,
93.1593

■ 162.5370, 16.0043,
46.8871

■ 96.2910, 36.3385,
104.9848

■ 176.0210, 11.8216,
35.0616

■ 83.2800, 39.7950,
116.3954

■ 189.0320, 8.3652,
23.6509

■ 202.5160, 4.1826,
11.8255

■ 216.0000, 0.0000,
0.0000

■ 228.8970, -3.8932,
-11.3107

■ 240.0330, -6.9183,
-21.0769

■ 240.6030, -4.7343,
-21.5768

Harmonies

Analogous

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



139.4010, 45.6513, 11.0493



136.1560, 24.0801, 70.0232



128.3880, -1.1773, 97.8837

Triad

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



136.1560, 24.0801, 70.0232



126.4540, -62.3418, 22.4038



118.4640, 42.6622, -103.8929

Complementary

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



136.1560, 24.0801, 70.0232



165.8440, -24.0801, -70.0232

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.



112.5530, 17.4754, -98.7090



136.1560, 24.0801, 70.0232



118.9840, -46.3341, -25.4190

Square

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



136.1560, 24.0801, 70.0232



129.1460, -58.2460, 62.1390



103.7240, -8.7379, -90.9659



118.9150, 62.1599, -104.2885

Rectangle

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



136.1560, 24.0801, 70.0232



128.7410, -20.0853, 95.8201



103.7240, -8.7379, -90.9659



116.9990, 34.5105, -102.6081

Sweetspot

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



136.1560, 24.0801, 70.0232



226.7440, 8.5072, 24.7805



109.7900, 52.3615, 5.4462



110.1790, 5.3348, 15.6290



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.



136.1560, 24.0801, 70.0232



141.9760, 34.0288, 99.1220



128.8600, -3.8750, 76.4218



100.3150, 2.3097, 5.8627



65.9490, 31.5771, 92.1297



16.6190, 8.0758, 23.1361

Inverse Universe

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



136.1560, 24.0801, 70.0232



141.9760, 34.0288, 99.1220



173.1400, 3.8750, -76.4218



100.3150, 2.3097, 5.8627



65.9490, 31.5771, 92.1297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 136.1560, 24.0801, 70.0232 looks on a white background.

Color Contrast Check

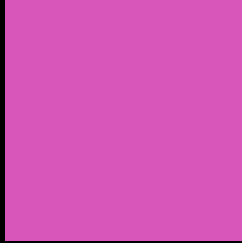
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.1560, 24.0801, 70.0232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

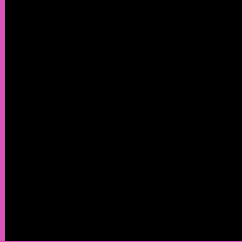
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.1560, 24.0801, 70.0232

Background



This preview shows how black text looks on a background with the YUV color 136.1560, 24.0801, 70.0232.



This preview shows how white text looks on a background with the YUV color 136.1560, 24.0801,

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

136.1560, 24.0801, 70.0232

Protanopia

134.3930, 44.1763, -29.2857

Deuteranopia

137.1080, 19.6668, -7.9877



Tritanopia

136.8940, -12.2727, 63.2370

Trichromacy



Original Color

136.1560, 24.0801, 70.0232

Protanomaly

135.3760, 36.7896, 6.6862

Deuteranomaly

137.0390, 21.1798, 20.1368

Tritanomaly

136.7600, 1.1043, 65.9855

Monochromacy



Original Color

136.1560, 24.0801, 70.0232

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.1570, 8.7966, 25.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1560, 24.0801, 70.0232 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(216, 86, 185)` looks like.

```
.text, #text, p{  
    color:rgb(216, 86, 185)  
}
```

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(216, 86, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 86, 185) }
```

Border

The CSS property to change the border of an element to YUV 136.1560, 24.0801, 70.0232 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(216, 86, 185) }
```


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

```
.border{ border-color:rgb(216, 86, 185) }
```

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

Here you see how a box with a 4 pixel rgb(216, 86, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 86, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 86, 185);  
box-shadow:4px 4px 4px 4px rgb(216, 86,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 136.1560, 24.0801, 70.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 86, 185) }
```

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

```
.background{ background-color: rgb(216, 86,  
185) }
```

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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