

Converting Colors

YUV(136.0260, 14.2842,
38.5652)

Have a look what the booklet for
YUV(136.0260, 14.2842, 38.5652)
contains.

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Color

**YUV(136.0260, 14.2842,
38.5652)**

Conversions

Conversions Part 1

Format	Color
Hex	B46CA5
RGB	180, 108, 165
RGB Percent	71%, 42%, 65%
CMY	0.2941, 0.5765, 0.3529
CMYK	0.00, 0.40, 0.08, 0.29
HSL	312°, 32%, 56%
HSV	312°, 40%, 71%
XYZ	30.9765, 23.1450, 38.4321
YIQ	136.0260, 24.6150, 32.9910

Conversions

Conversions Part 2

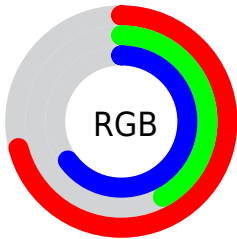
Format	Color
RYB	180, 108, 165
Decimal	11824293
CIELab	55.22, 37.10, -18.55
CIElCh	55, 41.476, 333.437
Yxy	23.1450, 0.3347, 0.2501
Android (android.graphics.Color)	4290014373 (0xFFB46CA5)
YUV	136.0260, 14.2842, 38.5652
Hunter-Lab	48.1093, 30.7409, -13.6873

Details

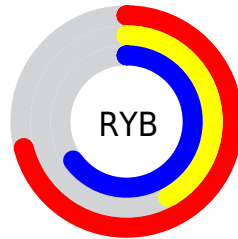
The YUV color **136.0260, 14.2842, 38.5652** is a light color, and the websafe version is hex **996699**. A complement of this color would be **151.9740, -14.2842, -38.5652**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4500, 14.5681, 40.8243**, and **84.6020, 14.0002, 36.3060** is the 20% darker color. If you saturate the color by 10%, you get **125.0040, 17.7460, 48.2315**, and if you desaturate by 10%, it is **147.0480, 10.8223, 28.8989**.

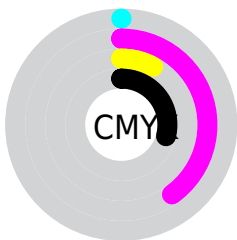
Distribution



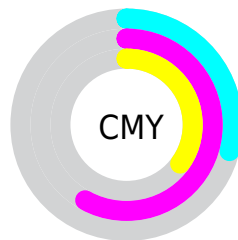
- Red (71%)
- Green (42%)
- Blue (65%)



- Red (71%)
- Yellow (42%)
- Blue (65%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (29%)




- Cyan (29%)
- Magenta (58%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.0260, 14.2842, 38.5652 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 136.0260, 14.2842, 38.5652 by changing the saturation by 10% instead.


 136.0260, 14.2842,
38.5652


 136.0260, 14.2842,
38.5652


255.0000, 0.0000,
0.0000


 110.0150, 14.2896,
36.8208


 190.4500, 14.5681,
40.8243


 84.6020, 14.0002,
36.3060


 214.9870, 16.7684,
35.0914


 59.3030, 14.1476,
35.6913

 232.6940, 10.9969,
19.5624

 32.4710, 16.0368,
36.4209

 249.1300, 2.8939,
5.1480

 19.8520, 11.4120,
26.4398

 9.9830, 5.9244,
13.1699

 0.0000, 0.0000,

0.0000

136.0260, 14.2842,
38.5652

136.0260, 14.2842,
38.5652

125.0040, 17.7460,
48.2315

147.0480, 10.8223,
28.8989

113.9820, 21.2079,
57.8978

158.0700, 7.3605,
19.2326

103.0740, 25.1065,
67.4641

168.9780, 3.4618,
9.6663

92.0520, 28.5684,
77.1304

180.0000, 0.0000,
0.0000

81.0300, 32.0302,
86.7967

191.0220, -3.4618,
-9.6663

70.0080, 35.4921,
96.4630

202.0440, -6.9237,
-19.3326

■ 212.9520,
-10.8223, -28.8989

■ 223.9740,
-14.2842, -38.5652

■ 226.1910,
-13.4052, -40.5095

Harmonies

Analogous

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



134.7750, 28.2119, 4.5823



136.0260, 14.2842, 38.5652



134.0810, -2.5049, 56.9340

Triad

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



136.0260, 14.2842, 38.5652



128.9460, -34.9764, 18.4644



106.9570, 31.5732, -93.8013

Complementary

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



136.0260, 14.2842, 38.5652



151.9740, -14.2842, -38.5652

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.



104.0270, 15.2697, -91.2317



136.0260, 14.2842, 38.5652



124.8220, -27.0272, -11.2449

Square

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



136.0260, 14.2842, 38.5652



131.1260, -31.1211, 41.9855



117.2980, -9.0209, -46.7423



106.8720, 43.9401, -93.7267

Rectangle

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



136.0260, 14.2842, 38.5652



132.9320, -13.2775, 58.8186



117.2980, -9.0209, -46.7423



106.2900, 26.4790, -93.2163

Sweetspot

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



136.0260, 14.2842, 38.5652



217.2930, 5.7716, 15.5290



120.3940, 29.3858, 1.4085



107.2660, 3.3199, 8.5367



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



136.0260, 14.2842, 38.5652



165.9330, 22.2180, 60.5718



132.0360, -1.0037, 42.0644



83.4890, 1.7309, 4.8331



59.5410, 30.2993, 81.9635



10.0540, 4.9034, 13.9846

Inverse Universe

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



136.0260, 14.2842, 38.5652



165.9330, 22.2180, 60.5718



155.9640, 1.0037, -42.0644



83.4890, 1.7309, 4.8331



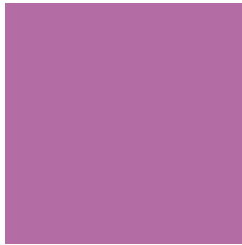
59.5410, 30.2993, 81.9635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 136.0260, 14.2842, 38.5652 looks on a white background.

Color Contrast Check

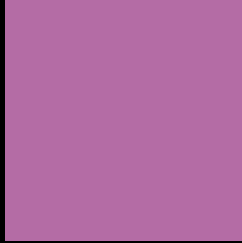
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.0260, 14.2842, 38.5652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

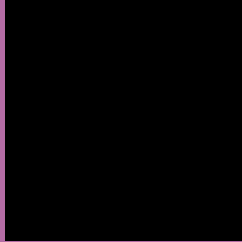
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.0260, 14.2842, 38.5652

Background



This preview shows how black text looks on a background with the YUV color 136.0260, 14.2842, 38.5652.



This preview shows how white text looks on a background with the YUV color 136.0260, 14.2842,

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

136.0260, 14.2842, 38.5652

Protanopia

132.9270, 24.1930, -13.0910

Deuteranopia

133.8330, 13.3933, -2.4845



Tritanopia

134.6670, -4.7658, 35.3720

Trichromacy



Original Color

136.0260, 14.2842, 38.5652

Protanomaly

134.4240, 20.4970, 5.7672

Deuteranomaly

134.6330, 13.4919, 12.5999

Tritanomaly

135.2140, 2.3595, 36.6463

Monochromacy



Original Color

136.0260, 14.2842, 38.5652

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.1680, 5.3402, 13.8847

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.0260, 14.2842, 38.5652 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(180, 108, 165)` looks like.

```
.text, #text, p{  
    color:rgb(180, 108, 165)  
}
```

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(180, 108, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 108, 165) }
```

Border

The CSS property to change the border of an element to YUV 136.0260, 14.2842, 38.5652 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(180, 108, 165) }
```


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

```
.border{ border-color:rgb(180, 108, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 108, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 108, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 108, 165);  
box-shadow:4px 4px 4px 4px rgb(180, 108,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 136.0260, 14.2842, 38.5652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 108, 165) }
```

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

```
.background{ background-color: rgb(180,  
108, 165) }
```

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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