

Converting Colors

YUV(138.1040, 26.0777,
35.8658)

Have a look what the booklet for
YUV(138.1040, 26.0777, 35.8658)
contains.

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Color

**YUV(138.1040, 26.0777,
35.8658)**

Conversions

Conversions Part 1

Format	Color
Hex	B36BBF
RGB	179, 107, 191
RGB Percent	70%, 42%, 75%
CMY	0.2980, 0.5804, 0.2510
CMYK	0.06, 0.44, 0.00, 0.25
HSL	291°, 40%, 58%
HSV	291°, 44%, 75%
XYZ	33.2521, 23.8607, 52.1432
YIQ	138.1040, 15.9480, 41.3880

Conversions

Conversions Part 2

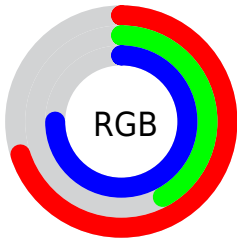
Format	Color
RYB	179, 107, 191
Decimal	11758527
CIELab	55.95, 42.19, -32.43
CIELCh	56, 53.214, 322.458
Yxy	23.8607, 0.3044, 0.2184
Android (android.graphics.Color)	4289948607 (0xFFB36BBF)
YUV	138.1040, 26.0777, 35.8658
Hunter-Lab	48.8474, 36.0280, -29.0972

Details

The YUV color $138.1040, 26.0777, 35.8658$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $159.8960, -26.0777, -35.8658$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $192.7560, 27.2353, 37.9250$, and $85.5660, 25.3570, 33.7066$ is the 20% darker color. If you saturate the color by 10%, you get $126.0540, 32.0184, 43.8026$, and if you desaturate by 10%, it is $150.1540, 20.1371, 27.9289$.

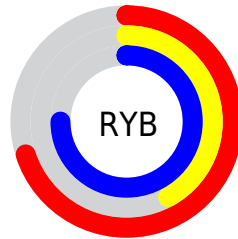
Distribution



Red (70%)

Green (42%)

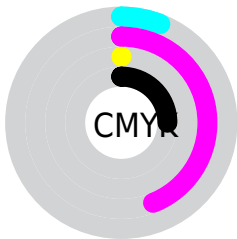
Blue (75%)



Red (70%)

Yellow (42%)

Blue (75%)

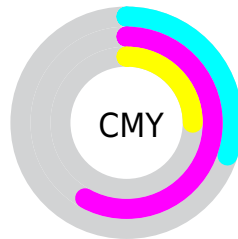


Cyan (6%)

Magenta (44%)

Yellow (0%)

Black (25%)



Cyan (30%)


Magenta (58%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.1040, 26.0777, 35.8658 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 138.1040, 26.0777, 35.8658 by changing the saturation by 10% instead.


 138.1040, 26.0777,
35.8658


 138.1040, 26.0777,
35.8658


255.0000, 0.0000,
0.0000


 111.3920, 25.9357,
34.7362


 192.7560, 27.2353,
37.9250


 85.5660, 25.3570,
33.7066


 215.6710, 19.3892,
34.4915


 60.1530, 25.0676,
33.1918

 232.1070, 11.2862,
20.0772

 31.7450, 27.2407,
36.1806

 249.1300, 2.8939,
5.1480

 21.5340, 20.4427,
23.2107

 12.1490, 14.2235,
11.2703

 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 138.1040, 26.0777,
35.8658

■ 138.1040, 26.0777,
35.8658

■ 126.0540, 32.0184,
43.8026

■ 150.1540, 20.1371,
27.9289

■ 114.3030, 37.8116,
52.3543

■ 161.9050, 14.3438,
19.3773

■ 102.2530, 43.7523,
60.2911

■ 173.9550, 8.4032,
11.4405

■ 90.2030, 49.6929,
68.2280

■ 186.0050, 2.4625,
3.5036

■ 78.1530, 55.6336,
76.1648

■ 198.6420, -3.7675,
-4.9480

70.8100, 59.2537,
81.7276

210.3930, -9.5607,
-13.4997

222.4430,
-15.5014, -21.4365

231.5580,
-19.9951, -26.7994

232.4550,
-20.4373, -24.9550

Harmonies

Analogous

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



133.7150, 42.5385, -17.2901



138.1040, 26.0777, 35.8658



134.8510, 6.4825, 67.6597

Triad

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



138.1040, 26.0777, 35.8658



129.6570, -46.6659, 34.5038



110.7240, 28.2371, -97.1049

Complementary

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



138.1040, 26.0777, 35.8658



159.8960, -26.0777, -35.8658

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.



105.2520, 7.2708, -92.3060



138.1040, 26.0777, 35.8658



125.4030, -41.6107, -0.3534

Square

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



138.1040, 26.0777, 35.8658



131.6230, -34.8171, 60.8436



116.9210, -20.6671, -44.6577



112.8220, 46.4298, -98.9449

Rectangle

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



138.1040, 26.0777, 35.8658



132.8230, -7.8007, 75.5772



116.9210, -20.6671, -44.6577



109.6010, 21.3957, -96.1201

Sweetspot

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



138.1040, 26.0777, 35.8658



227.0200, 9.8501, 14.0145



124.2070, 32.9289, -15.0905



112.3630, 6.2300, 8.4516



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



138.1040, 26.0777, 35.8658



164.7210, 40.5635, 56.3727



138.3860, 11.6417, 46.1425



88.4180, 2.7519, 4.0184



58.6760, 48.9667, 67.8131



11.3080, 9.7082, 12.8849

Inverse Universe

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



133.4840, -7.1406, 50.4415



157.3350, -11.0112, 78.6362



159.6140, -11.6417, -46.1425



87.8050, -0.8899, 5.4330



49.8640, -13.2440, 94.8353



9.7250, -2.8224, 18.6582

Previews

White Background



This preview shows how the YUV color 138.1040, 26.0777, 35.8658 looks on a white background.

Color Contrast Check

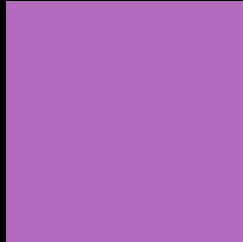
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.1040, 26.0777, 35.8658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

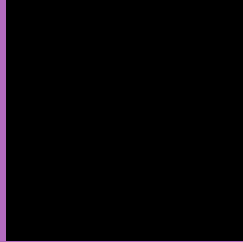
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.1040, 26.0777, 35.8658

Background



This preview shows how black text looks on a background with the YUV color 138.1040, 26.0777, 35.8658.



This preview shows how white text looks on a background with the YUV color 138.1040, 26.0777, 35.8658.

35.8658.

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

138.1040, 26.0777, 35.8658

Protanopia

133.0470, 38.9238, -24.5972

Deuteranopia

134.2580, 25.5088, -15.1353



Tritanopia

136.9760, -3.4392, 29.8390

Trichromacy



Original Color

138.1040, 26.0777, 35.8658



Protanomaly

134.9250, 34.0540, -2.5652



Deuteranomaly

136.0800, 25.5966, 3.4378



Tritanomaly

137.4460, 7.1751, 32.0579

Monochromacy



Original Color

138.1040, 26.0777, 35.8658



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

138.1940, 9.2714, 12.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1040, 26.0777, 35.8658 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(179, 107, 191)` looks like.

```
.text, #text, p{  
    color:rgb(179, 107, 191)  
}
```

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(179, 107, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 107, 191) }
```

Border

The CSS property to change the border of an element to YUV 138.1040, 26.0777, 35.8658 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(179, 107, 191) }
```


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

```
.border{ border-color:rgb(179, 107, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 107, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 107, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 107, 191); box-shadow:4px 4px 4px 4px rgb(179, 107, 191) }
```

Background

The CSS property to change the background color of an element to YUV 138.1040, 26.0777, 35.8658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 107, 191) }
```

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

```
.background{ background-color: rgb(179,  
107, 191) }
```

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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