

Converting Colors

YUV(164.2600, 26.0008,
13.8040)

Have a look what the booklet for
YUV(164.2600, 26.0008, 13.8040)
contains.

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Color

**YUV(164.2600, 26.0008,
13.8040)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B492D9 |
| RGB | 180, 146, 217 |
| RGB Percent | 71%, 57%, 85% |
| CMY | 0.2941, 0.4275, 0.1490 |
| CMYK | 0.17, 0.33, 0.00, 0.15 |
| HSL | 269°, 48%, 71% |
| HSV | 269°, 33%, 85% |
| XYZ | 41.6257, 35.2708, 70.2597 |
| YIQ | 164.2600, -2.5270, 29.2890 |

Conversions

Conversions Part 2

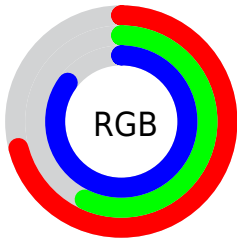
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 180, 146, 217 |
| Decimal | 11834073 |
| CIELab | 65.96, 26.43, -31.52 |
| CIElCh | 66, 41.135, 309.983 |
| Yxy | 35.2708, 0.2829, 0.2397 |
| Android (android.graphics.Color) | 4290024153 (0xFFB492D9) |
| YUV | 164.2600, 26.0008, 13.8040 |
| Hunter-Lab | 59.3892, 21.1787, -28.5698 |

Details

The YUV color **164.2600, 26.0008, 13.8040** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **198.7400, -26.0008, -13.8040**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3330, 18.5698, 17.2480**, and **111.9070, 24.6958, 12.3596** is the 20% darker color. If you saturate the color by 10%, you get **148.0570, 33.9889, 18.3670**, and if you desaturate by 10%, it is **180.4630, 18.0127, 9.2409**.

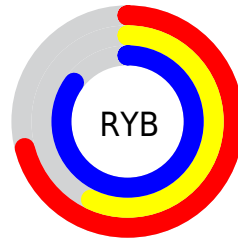
Distribution



Red (71%)

Green (57%)

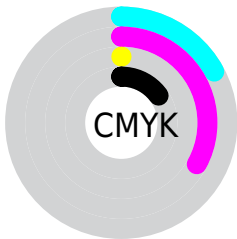
Blue (85%)



Red (71%)

Yellow (57%)

Blue (85%)

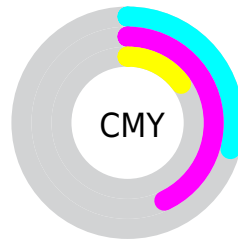


Cyan (17%)

Magenta (33%)

Yellow (0%)

Black (15%)



Cyan (29%)

Magenta (43%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2600, 26.0008, 13.8040 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 164.2600, 26.0008, 13.8040 by changing the saturation by 10% instead.

■ 164.2600, 26.0008,
13.8040

■ 164.2600, 26.0008,
13.8040

255.0000, 0.0000,
0.0000

■ 137.7330, 25.2746,
13.3892

■ 217.3330, 18.5698,
17.2480

■ 111.9070, 24.6958,
12.3596

■ 239.1510, 7.8136,
13.8996

■ 86.9670, 23.6803,
11.4299

■ 63.1410, 23.1015,
10.4003

■ 40.2010, 22.0859,
9.4707

■ 17.4890, 21.9439,
8.3411

■ 4.4460, 17.0351,

-3.8991

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 164.2600, 26.0008,
13.8040

■ 164.2600, 26.0008,
13.8040

■ 148.0570, 33.9889,
18.3670

■ 180.4630, 18.0127,
9.2409

■ 132.1420, 41.8350,
21.8005

■ 196.3780, 10.1666,
5.8075

■ 115.9390, 49.8231,
26.3635

■ 212.5810, 2.1786,
1.2445

■ 99.7360, 57.8112,
30.9265

■ 228.7840, -5.8095,
-3.3186

83.2340, 65.9466,
34.8748

244.6990,
-13.6556, -6.7520

67.6180, 73.6453,
38.9230

248.5750,
-15.5665, -0.5043

55.8340, 79.4548,
42.2416

250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



157.8570, 37.0455, -28.8156



164.2600, 26.0008, 13.8040



164.4460, 10.6261, 45.2129

Triad

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



164.2600, 26.0008, 13.8040



158.8330, -33.4417, 39.6115



125.2680, 23.0389, -109.8600

Complementary

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



164.2600, 26.0008, 13.8040



198.7400, -26.0008, -13.8040

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.



144.5790, -5.2154, -54.0048



164.2600, 26.0008, 13.8040



156.3260, -34.6707, 13.7461

Square

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



164.2600, 26.0008, 13.8040



161.1030, -22.7288, 56.9147



151.7610, -24.5322, -18.2074



128.0840, 38.9056, -112.3297

Rectangle

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



164.2600, 26.0008, 13.8040



163.5370, -0.7577, 56.5341



151.7610, -24.5322, -18.2074



133.3650, 12.6381, -87.1431

Sweetspot

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



164.2600, 26.0008, 13.8040



236.4380, 9.1511, 4.8779



176.4000, 20.0158, -26.6608



116.2160, 5.8095, 3.3186



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.



164.2600, 26.0008, 13.8040



181.3390, 36.3149, 18.9967



174.7250, 20.8416, 35.3212



101.7490, 4.0677, 1.9741



44.5390, 63.3313, 33.7303



11.8220, 16.8498, 8.9261

Inverse Universe

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



171.4470, 5.6956, 39.9500



191.4150, 7.6834, 55.7640



188.2750, -20.8416, -35.3212



102.8590, 0.5625, 6.2627



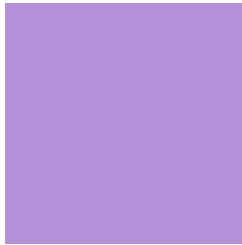
61.9870, 13.8104, 97.3584



16.4900, 3.7024, 25.8803

Previews

White Background



This preview shows how the YUV color 164.2600, 26.0008, 13.8040 looks on a white background.

Color Contrast Check

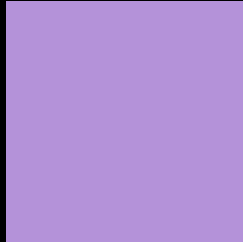
Large Text (above 18pt) WCAG AA × Fail

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 164.2600, 26.0008, 13.8040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

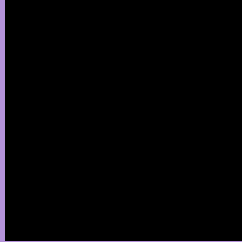
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.2600, 26.0008, 13.8040

Background



This preview shows how black text looks on a background with the YUV color 164.2600, 26.0008, 13.8040.



This preview shows how white text looks on a background with the YUV color 164.2600, 26.0008,

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

164.2600, 26.0008, 13.8040

Protanopia

160.0710, 32.5030, -18.4793

Deuteranopia

160.9100, 26.6664, -13.0761



Tritanopia

162.1520, 2.8831, 8.6367

Trichromacy



Original Color

164.2600, 26.0008, 13.8040

Protanomaly

161.8660, 30.1391, -6.8985

Deuteranomaly

162.2640, 26.4918, -3.7395

Tritanomaly

162.7530, 11.4608, 10.7406

Monochromacy



Original Color

164.2600, 26.0008, 13.8040

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8510, 9.4405, 5.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2600, 26.0008, 13.8040 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, 146, 217)` looks like.

```
.text, #text, p{  
    color:rgb(180, 146, 217)  
}
```

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, 146, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 146, 217) }
```

Border

The CSS property to change the border of an element to YUV 164.2600, 26.0008, 13.8040 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, 146, 217) }
```


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

```
.border{ border-color:rgb(180, 146, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 146, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 146, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 146, 217);  
box-shadow:4px 4px 4px 4px rgb(180, 146,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 164.2600, 26.0008, 13.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 146, 217) }
```

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

```
.background{ background-color: rgb(180,  
146, 217) }
```

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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