

Converting Colors

YUV(80.3520, 26.9415, 85.6373)

Have a look what the booklet for
YUV(80.3520, 26.9415, 85.6373)
contains.

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Color

**YUV(80.3520, 26.9415,
85.6373)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B21487 |
| RGB | 178, 20, 135 |
| RGB Percent | 70%, 8%, 53% |
| CMY | 0.3020, 0.9216, 0.4706 |
| CMYK | 0.00, 0.89, 0.24, 0.30 |
| HSL | 316°, 80%, 39% |
| HSV | 316°, 89%, 70% |
| XYZ | 22.9834, 11.7146, 23.9714 |
| YIQ | 80.3520, 57.2530, 69.2610 |

Conversions

Conversions Part 2

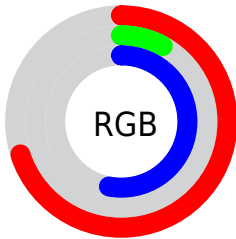
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 178, 20, 135 |
| Decimal | 11670663 |
| CIE _{Lab} | 40.76, 66.85, -22.91 |
| CIE _{LCh} | 41, 70.668, 341.088 |
| Yxy | 11.7146, 0.3917, 0.1997 |
| Android (android.graphics.Color) | 4289860743 (0xFFB21487) |
| YUV | 80.3520, 26.9415, 85.6373 |
| Hunter-Lab | 34.2265, 59.9679, -17.5667 |

Details

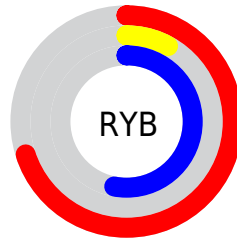
The YUV color **80.3520, 26.9415, 85.6373** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **117.6480, -26.9415, -85.6373**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1250, 21.1374, 80.5744**, and **45.5700, 19.4390, 65.2751** is the 20% darker color. If you saturate the color by 10%, you get **69.2160, 29.9665, 95.4036**, and if you desaturate by 10%, it is **91.4880, 23.9164, 75.8710**.

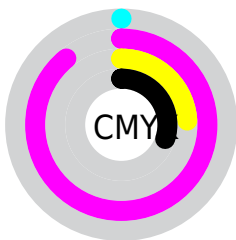
Distribution



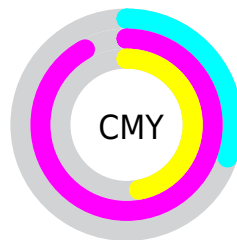
- Red (70%)
- Green (8%)
- Blue (53%)



- Red (70%)
- Yellow (8%)
- Blue (53%)



- Cyan (0%)
- Magenta (89%)
- Yellow (24%)
- Black (30%)



- Cyan (30%)
- Magenta (92%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.3520, 26.9415, 85.6373 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 80.3520, 26.9415, 85.6373 by changing the saturation by 10% instead.

80.3520, 26.9415,
85.6373

80.3520, 26.9415,
85.6373

255.0000, 0.0000,
0.0000

57.0910, 26.0841,
80.6042

145.1250, 21.1374,
80.5744

45.5700, 19.4390,
65.2751

170.1350, 22.6114,
74.4266

34.4620, 13.0832,
50.4608

190.4640, 26.8862,
56.5981

24.5930, 7.5957,
37.1909

208.6270, 22.8619,
40.6691

13.3000, 1.8241,
21.6619

225.6500, 14.4696,
25.7400

0.0000, 0.0000,
0.0000

243.2600, 5.7878,

10.2960

■ 80.3520, 26.9415,
85.6373

■ 80.3520, 26.9415,
85.6373

■ 69.2160, 29.9665,
95.4036

■ 91.4880, 23.9164,
75.8710

■ 68.0420, 30.5453,
96.4332

■ 102.6240, 20.8914,
66.1048

■ 113.1730, 18.1557,
56.8533

■ 124.1950, 14.6939,
47.1870

■ 135.3310, 11.6688,
37.4207

■ 146.4670, 8.6438,
27.6544

■ 157.6030, 5.6187,
17.8882

■ 168.1520, 2.8831,
8.6367

■ 179.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



97.4840, 43.1454, 21.5005



80.3520, 26.9415, 85.6373



66.8980, 5.4733, 111.4685

Triad

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



80.3520, 26.9415, 85.6373



88.8880, -43.8218, 8.8682



89.4610, 40.6917, -78.4573

Complementary

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



80.3520, 26.9415, 85.6373



117.6480, -26.9415, -85.6373

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.



83.7780, 16.3784, -73.4733



80.3520, 26.9415, 85.6373



70.8270, -34.9177, -47.2063

Square

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



80.3520, 26.9415, 85.6373



90.3260, -44.5307, 49.7031



75.6500, -9.6874, -66.3450



89.9290, 57.7160, -78.8677

Rectangle

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



80.3520, 26.9415, 85.6373



77.2080, -18.3435, 97.1646



75.6500, -9.6874, -66.3450



88.1100, 32.9768, -77.2725

Sweetspot

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



80.3520, 26.9415, 85.6373



193.0810, 10.8061, 34.1320



50.5700, 62.8230, 10.0241



94.1410, 6.3395, 20.0473



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.



80.3520, 26.9415, 85.6373



88.6340, 39.6204, 125.7320



71.4600, -7.1288, 93.4356



83.4890, 1.7309, 4.8331



58.4010, 25.9313, 82.9633



9.9400, 4.4666, 14.0846

Inverse Universe

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



80.3520, 26.9415, 85.6373



88.6340, 39.6204, 125.7320



126.5400, 7.1288, -93.4356



83.4890, 1.7309, 4.8331



58.4010, 25.9313, 82.9633



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 80.3520, 26.9415, 85.6373 looks on a white 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

Black Background



This preview shows how the YUV color 80.3520, 26.9415, 85.6373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

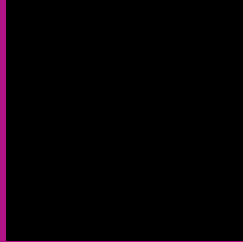
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.3520, 26.9415, 85.6373

Background



This preview shows how black text looks on a background with the YUV color 80.3520, 26.9415, 85.6373.



This preview shows how white text looks on a background with the YUV color 80.3520, 26.9415,

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

80.3520, 26.9415, 85.6373

Protanopia

90.1680, 48.7242, -41.3663

Deuteranopia

98.3380, 14.1304, -5.5584



Tritanopia

90.9120, -16.2256, 71.1142

Trichromacy



Original Color

80.3520, 26.9415, 85.6373

Protanomaly

86.6900, 40.5788, 4.6569

Deuteranomaly

91.5130, 18.9741, 27.6141

Tritanomaly

87.0710, -0.5280, 76.2367

Monochromacy



Original Color

80.3520, 26.9415, 85.6373

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1300, 9.7959, 31.4580

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.3520, 26.9415, 85.6373 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(178, 20, 135)` looks like.

```
.text, #text, p{  
    color:rgb(178, 20, 135)  
}
```

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(178, 20, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 20, 135) }
```

Border

The CSS property to change the border of an element to YUV 80.3520, 26.9415, 85.6373 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(178, 20, 135) }
```


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

```
.border{ border-color:rgb(178, 20, 135) }
```

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

Here you see how a box with a 4 pixel rgb(178, 20, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 20, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 20, 135);  
box-shadow:4px 4px 4px 4px rgb(178, 20,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 80.3520, 26.9415, 85.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 20, 135) }
```

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

```
.background{ background-color: rgb(178, 20,  
135) }
```

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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