

Converting Colors

YUV(128.3360, 34.3444,
44.4323)

Have a look what the booklet for
YUV(128.3360, 34.3444, 44.4323)
contains.

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Color

**YUV(128.3360, 34.3444,
44.4323)**

Conversions

Conversions Part 1

Format	Color
Hex	B359C6
RGB	179, 89, 198
RGB Percent	70%, 35%, 78%
CMY	0.2980, 0.6510, 0.2235
CMYK	0.10, 0.55, 0.00, 0.22
HSL	290°, 49%, 56%
HSV	290°, 55%, 78%
XYZ	32.3558, 20.8057, 55.7366
YIQ	128.3360, 18.6510, 52.9790

Conversions

Conversions Part 2

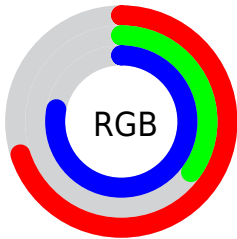
Format	Color
R_{YB}	179, 89, 198
Decimal	11753926
CIE _{Lab}	52.74, 52.84, -41.48
CIE _{LCh}	53, 67.178, 321.871
Yxy	20.8057, 0.2971, 0.1911
Android (android.graphics.Color)	4289944006 (0xFFB359C6)
YUV	128.3360, 34.3444, 44.4323
Hunter-Lab	45.6132, 46.7961, -40.5195

Details

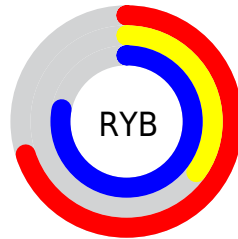
The YUV color **128.3360, 34.3444, 44.4323** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **158.6640, -34.3444, -44.4323**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8740, 35.0651, 46.5915**, and **73.1510, 34.9286, 43.7176** is the 20% darker color. If you saturate the color by 10%, you get **115.6990, 40.5744, 52.8840**, and if you desaturate by 10%, it is **140.9730, 28.1143, 35.9807**.

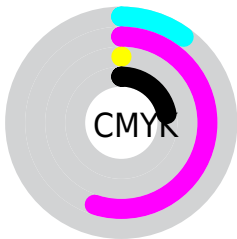
Distribution



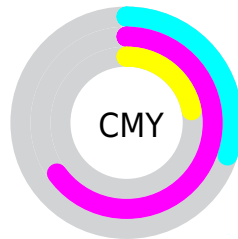
- Red (70%)
- Green (35%)
- Blue (78%)



- Red (70%)
- Yellow (35%)
- Blue (78%)



- Cyan (10%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)





- Cyan (30%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.3360, 34.3444, 44.4323 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 128.3360, 34.3444, 44.4323 by changing the saturation by 10% instead.


 128.3360, 34.3444,
44.4323


 128.3360, 34.3444,
44.4323


255.0000, 0.0000,
0.0000


 100.9230, 34.0550,
43.9175


 183.8740, 35.0651,
46.5915

 73.1510, 34.9286,
43.7176


 205.1050, 24.5982,
43.7579


 42.3410, 36.8069,
47.9359

 221.5410, 16.4953,
29.3435

 31.4180, 29.8669,
33.8364

 238.5640, 8.1029,
14.4144

 21.5060, 22.9215,
21.4812

 9.6150, 17.4448,
4.7226

 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 128.3360, 34.3444,
44.4323

■ 128.3360, 34.3444,
44.4323

■ 115.6990, 40.5744,
52.8840

■ 140.9730, 28.1143,
35.9807

■ 102.7630, 46.9518,
60.7208

■ 153.9090, 21.7369,
28.1438

■ 90.7130, 52.8925,
68.6577

■ 165.9590, 15.7962,
20.2070

■ 77.7770, 59.2699,
76.4946

■ 178.8950, 9.4188,
12.3701

■ 71.3090, 62.4587,
80.4130

■ 191.5320, 3.1887,
3.9184

■ 204.4680, -3.1887,
-3.9184

■ 217.1050, -9.4188,
-12.3701

■ 229.4540,
-15.5068, -19.6922

■ 235.0470,
-18.2642, -21.9662

Harmonies

Analogous

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



121.3680, 55.5276, -30.1407



128.3360, 34.3444, 44.4323



119.1770, 12.2377, 88.4218

Triad

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



128.3360, 34.3444, 44.4323



118.6010, -58.4703, 40.6919



108.2620, 28.9578, -94.9458

Complementary

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



128.3360, 34.3444, 44.4323



158.6640, -34.3444, -44.4323

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.



100.9490, 3.4761, -88.5323



128.3360, 34.3444, 44.4323



113.0210, -55.7194, -1.7724

Square

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



128.3360, 34.3444, 44.4323



118.9470, -42.8649, 75.4685



95.6590, -23.4959, -70.7379



111.5000, 51.5185, -97.7855

Rectangle

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



128.3360, 34.3444, 44.4323



115.7640, -4.8137, 97.5540



95.6590, -23.4959, -70.7379



106.0960, 20.6587, -93.0462

Sweetspot

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



128.3360, 34.3444, 44.4323



227.3670, 13.6231, 17.2181



113.1660, 41.8232, -21.1936



111.2430, 8.2612, 10.3109



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.



128.3360, 34.3444, 44.4323



147.7130, 52.8925, 68.6577



130.0270, 16.2557, 59.6123



93.4180, 2.7519, 4.0184



58.9470, 51.2981, 66.6985



12.7750, 11.4499, 14.2293

Inverse Universe

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



123.7570, -7.7682, 65.1111



140.5380, -12.0972, 100.3832



156.9730, -16.2557, -59.6123



92.8050, -0.8899, 5.4330



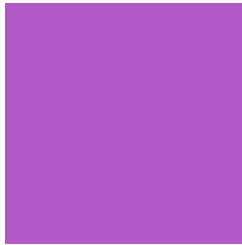
51.9290, -11.7970, 97.4093



11.4480, -2.6859, 21.5321

Previews

White Background



This preview shows how the YUV color 128.3360, 34.3444, 44.4323 looks on a white background.

Color Contrast Check

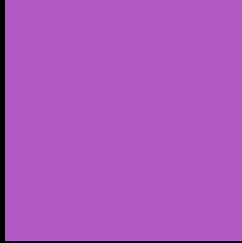
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.3360, 34.3444, 44.4323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

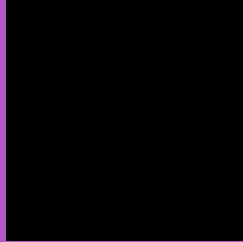
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.3360, 34.3444, 44.4323

Background



This preview shows how black text looks on a background with the YUV color 128.3360, 34.3444, 44.4323.



This preview shows how white text looks on a background with the YUV color 128.3360, 34.3444, 44.4323.

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

128.3360, 34.3444, 44.4323

Protanopia

120.4330, 53.5235, -40.7217

Deuteranopia

124.1410, 32.9615, -25.5567



Tritanopia

128.2540, -5.0552, 34.8572

Trichromacy



Original Color

128.3360, 34.3444, 44.4323



Protanomaly

123.4970, 46.5900, -10.0829



Deuteranomaly

126.1210, 33.4643, -0.1061



Tritanomaly

128.0600, 9.3374, 38.5354

Monochromacy



Original Color

128.3360, 34.3444, 44.4323



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.3130, 12.1707, 16.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3360, 34.3444, 44.4323 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, 89, 198)` looks like.

```
.text, #text, p{  
    color:rgb(179, 89, 198)  
}
```

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, 89, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 89, 198) }
```

Border

The CSS property to change the border of an element to YUV 128.3360, 34.3444, 44.4323 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, 89, 198) }
```


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

```
.border{ border-color:rgb(179, 89, 198) }
```

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

Here you see how a box with a 4 pixel rgb(179, 89, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 89, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 89, 198);  
box-shadow:4px 4px 4px 4px rgb(179, 89,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 128.3360, 34.3444, 44.4323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 89, 198) }
```

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

```
.background{ background-color: rgb(179, 89,  
198) }
```

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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