

Converting Colors

YUV(144.7800, 20.8145,
44.0429)

Have a look what the booklet for
YUV(144.7800, 20.8145, 44.0429)
contains.

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Color

**YUV(144.7800, 20.8145,
44.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	C36FBB
RGB	195, 111, 187
RGB Percent	76%, 44%, 73%
CMY	0.2353, 0.5647, 0.2667
CMYK	0.00, 0.43, 0.04, 0.24
HSL	306°, 41%, 60%
HSV	306°, 43%, 76%
XYZ	37.1598, 26.5588, 50.1815
YIQ	144.7800, 25.6680, 41.4440

Conversions

Conversions Part 2

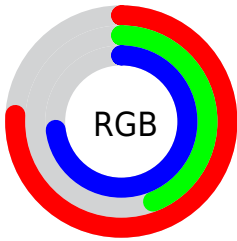
Format	Color
R_{YB}	195, 111, 187
Decimal	12808123
CIE _{Lab}	58.56, 44.21, -25.93
CIE _{LCh}	59, 51.254, 329.610
Yxy	26.5588, 0.3262, 0.2332
Android (android.graphics.Color)	4290998203 (0xFFC36FBB)
YUV	144.7800, 20.8145, 44.0429
Hunter-Lab	51.5353, 38.5216, -21.6579

Details

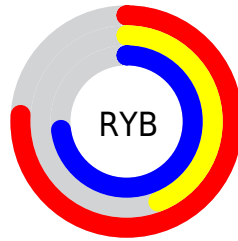
The YUV color **144.7800, 20.8145, 44.0429** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **161.2200, -20.8145, -44.0429**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2040, 21.0984, 46.3021**, and **91.4700, 20.9673, 41.6838** is the 20% darker color. If you saturate the color by 10%, you get **132.8120, 25.7287, 54.5389**, and if you desaturate by 10%, it is **156.7480, 15.9002, 33.5470**.

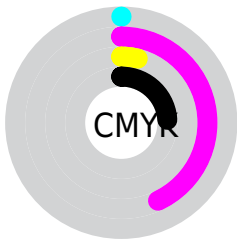
Distribution



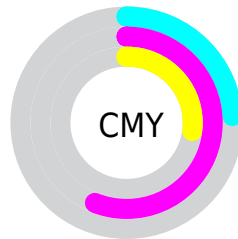
- Red (76%)
- Green (44%)
- Blue (73%)



- Red (76%)
- Yellow (44%)
- Blue (73%)



- Cyan (0%)
- Magenta (43%)
- Yellow (4%)
- Black (24%)



- Cyan (24%)
- Magenta (56%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.7800, 20.8145, 44.0429 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 144.7800, 20.8145, 44.0429 by changing the saturation by 10% instead.

144.7800, 20.8145,
44.0429

144.7800, 20.8145,
44.0429

255.0000, 0.0000,
0.0000

118.0680, 20.6725,
42.9134

200.2040, 21.0984,
46.3021

91.4700, 20.9673,
41.6838

218.6060, 17.9422,
31.9175

65.4700, 20.9673,
41.6838

235.0420, 9.8393,
17.5032

35.5890, 23.8666,
45.0874

252.0650, 1.4470,
2.5740

25.0790, 17.2161,
31.5027

16.2920, 10.7020,
20.7919

2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 144.7800, 20.8145,
44.0429

■ 144.7800, 20.8145,
44.0429

■ 132.8120, 25.7287,
54.5389

■ 156.7480, 15.9002,
33.5470

■ 121.4310, 30.3535,
64.5200

■ 168.1290, 11.2754,
23.5659

■ 110.0500, 34.9783,
74.5011

■ 180.0970, 6.3612,
13.0699

■ 98.1960, 40.3294,
84.8971

■ 191.3640, 1.2995,
3.1888

■ 86.8150, 44.9542,
94.8782

■ 202.7450, -3.3253,
-6.7924

■ 78.3690, 48.1321,
102.2854

■ 214.7130, -8.2395,
-17.2883

■ 226.0940,
-12.8643, -27.2694

■ 231.0180,
-14.3059, -31.5878

■ 231.2460,
-13.4323, -31.7877

Harmonies

Analogous

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



142.8480, 37.5429, -1.6207



144.7800, 20.8145, 44.0429



141.6680, 0.6567, 69.5742

Triad

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



144.7800, 20.8145, 44.0429



135.7700, -44.7496, 26.5117



116.0700, 33.4895, -101.7934

Complementary

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



144.7800, 20.8145, 44.0429



161.2200, -20.8145, -44.0429

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.



111.5270, 13.5442, -97.8092



144.7800, 20.8145, 44.0429



131.4280, -36.2000, -9.1454

Square

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



144.7800, 20.8145, 44.0429



138.3080, -37.1268, 54.9809



121.5760, -14.0880, -54.8792



117.0110, 49.7876, -102.6186

Rectangle

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



144.7800, 20.8145, 44.0429



139.7320, -13.1789, 73.9030



121.5760, -14.0880, -54.8792



115.0610, 27.0849, -100.9085

Sweetspot

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



144.7800, 20.8145, 44.0429



232.8740, 7.9501, 16.7735



122.6690, 35.6592, -4.0947



115.4450, 5.2036, 11.0107



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.



144.7800, 20.8145, 44.0429



173.7350, 32.6686, 68.6384



140.1060, 2.9057, 48.1420



91.0160, 2.4571, 5.2480



64.6690, 39.6032, 84.4823



13.2870, 8.2395, 17.2883

Inverse Universe

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



144.7800, 20.8145, 44.0429



173.7350, 32.6686, 68.6384



165.8940, -2.9057, -48.1420



91.0160, 2.4571, 5.2480



64.6690, 39.6032, 84.4823



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 144.7800, 20.8145, 44.0429 looks on a white background.

Color Contrast Check

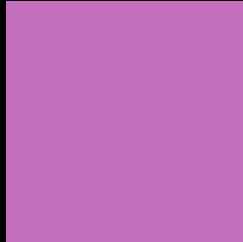
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.7800, 20.8145, 44.0429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

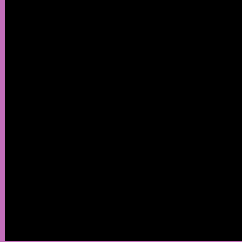
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.7800, 20.8145, 44.0429

Background



This preview shows how black text looks on a background with the YUV color 144.7800, 20.8145, 44.0429.



This preview shows how white text looks on a background with the YUV color 144.7800, 20.8145,

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

144.7800, 20.8145, 44.0429

Protanopia

140.7010, 33.6714, -19.9088

Deuteranopia

142.1080, 19.6668, -7.9877



Tritanopia

143.4610, -5.6503, 39.0607

Trichromacy



Original Color

144.7800, 20.8145, 44.0429



Protanomaly

142.2910, 28.9435, 3.2528



Deuteranomaly

143.3430, 20.0439, 11.1002



Tritanomaly

144.2900, 3.8010, 40.9647

Monochromacy



Original Color

144.7800, 20.8145, 44.0429



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

145.0480, 7.3713, 15.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.7800, 20.8145, 44.0429 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(195, 111, 187)` looks like.

```
.text, #text, p{  
  color:rgb(195, 111, 187)  
}
```

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(195, 111, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 187) }
```

Border

The CSS property to change the border of an element to YUV 144.7800, 20.8145, 44.0429 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(195, 111, 187) }
```


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

```
.border{ border-color:rgb(195, 111, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 111, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 111, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 111, 187);  
box-shadow:4px 4px 4px 4px rgb(195, 111,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 144.7800, 20.8145, 44.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 111, 187) }
```

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

```
.background{ background-color: rgb(195,  
111, 187) }
```

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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