

Converting Colors

YUV(82.6660, 20.3777, 44.1429)

Have a look what the booklet for
YUV(82.6660, 20.3777, 44.1429)
contains.

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Color

**YUV(82.6660, 20.3777,
44.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	85317C
RGB	133, 49, 124
RGB Percent	52%, 19%, 49%
CMY	0.4784, 0.8078, 0.5137
CMYK	0.00, 0.63, 0.07, 0.48
HSL	306°, 46%, 36%
HSV	306°, 63%, 52%
XYZ	14.4093, 8.6384, 19.9767
YIQ	82.6660, 25.9890, 41.1330

Conversions

Conversions Part 2

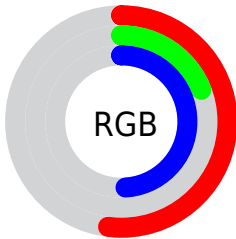
Format	Color
R_{YB}	133, 49, 124
Decimal	8728956
CIE _{Lab}	35.28, 45.58, -25.23
CIE _{LCh}	35, 52.097, 331.029
Yxy	8.6384, 0.3349, 0.2008
Android (android.graphics.Color)	4286919036 (0xFF85317C)
YUV	82.6660, 20.3777, 44.1429
Hunter-Lab	29.3912, 36.0766, -19.7247

Details

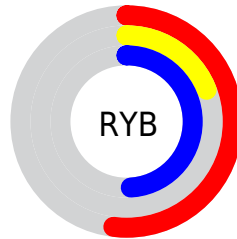
The YUV color **82.6660, 20.3777, 44.1429** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **99.3340, -20.3777, -44.1429**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6770, 20.3722, 45.8873**, and **32.4700, 20.9673, 41.6838** is the 20% darker color. If you saturate the color by 10%, you get **74.9210, 23.7029, 50.9353**, and if you desaturate by 10%, it is **90.4110, 17.0524, 37.3506**.

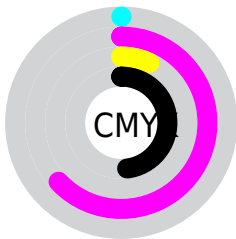
Distribution



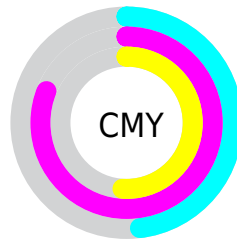
- Red (52%)
- Green (19%)
- Blue (49%)



- Red (52%)
- Yellow (19%)
- Blue (49%)



- Cyan (0%)
- Magenta (63%)
- Yellow (7%)
- Black (48%)




- Cyan (48%)
- Magenta (81%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.6660, 20.3777, 44.1429 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 82.6660, 20.3777, 44.1429 by changing the saturation by 10% instead.


 82.6660, 20.3777,
44.1429


 82.6660, 20.3777,
44.1429


255.0000, 0.0000,
0.0000


 55.3070, 21.5406,
44.4578

 135.6770, 20.3722,
45.8873


 32.4700, 20.9673,
41.6838

 162.6880, 20.3668,
47.6316


 22.3730, 14.6061,
28.6139

 190.5140, 20.9456,
48.6612

 12.6890, 8.5343,
16.0587

 212.1490, 21.1255,
37.5803

 0.0000, 0.0000,
0.0000

 228.5850, 13.0226,
23.1660

 245.6080, 4.6303,

8.2368

■ 82.6660, 20.3777,
44.1429

■ 82.6660, 20.3777,
44.1429

■ 74.9210, 23.7029,
50.9353

■ 90.4110, 17.0524,
37.3506

■ 66.4750, 26.8808,
58.3424

■ 98.8570, 13.8745,
29.9434

■ 58.7300, 30.2061,
65.1348

■ 106.6020, 10.5492,
23.1510

■ 53.3330, 32.3738,
69.8680

■ 114.4610, 7.6607,
16.2587

■ 122.7930, 4.0461,
8.9515

■ 130.6520, 1.1576,
2.0592

■ 138.3970, -2.1677,
-4.7332

■ 146.1420, -5.4930,
-11.5255

■ 154.5880, -8.6709,
-18.9327

Harmonies

Analogous

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



83.5660, 35.2170, -2.2504



82.6660, 20.3777, 44.1429



75.4660, 3.7143, 68.8743

Triad

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



82.6660, 20.3777, 44.1429



78.0340, -38.4708, 19.2642



73.5370, 25.3713, -64.4919

Complementary

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



82.6660, 20.3777, 44.1429



99.3340, -20.3777, -44.1429

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.



68.7490, 7.0257, -60.2929



82.6660, 20.3777, 44.1429



71.9330, -35.4630, -12.2192

Square

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



82.6660, 20.3777, 44.1429



77.6230, -38.2681, 47.6886



62.6730, -11.1778, -54.9642



74.7230, 40.0696, -65.5321

Rectangle

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



82.6660, 20.3777, 44.1429



75.0350, -9.3843, 70.1293



62.6730, -11.1778, -54.9642



72.0550, 19.6929, -63.1922

Sweetspot

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



82.6660, 20.3777, 44.1429



153.2870, 8.2395, 17.2883



60.9680, 35.5118, -3.4799



75.0320, 4.9142, 10.4959



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



82.6660, 20.3777, 44.1429



94.5070, 31.7950, 68.8384



77.9920, 2.4689, 48.2420



62.4780, 1.7363, 3.0888



52.0940, 31.5057, 68.3236



1.1250, 0.4314, 1.6444

Inverse Universe

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



82.6660, 20.3777, 44.1429



94.5070, 31.7950, 68.8384



104.0080, -2.4689, -48.2420



62.4780, 1.7363, 3.0888



52.0940, 31.5057, 68.3236



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 82.6660, 20.3777, 44.1429 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

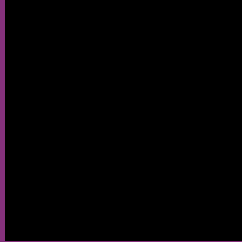
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.6660, 20.3777, 44.1429

Background



This preview shows how black text looks on a background with the YUV color 82.6660, 20.3777, 44.1429.



This preview shows how white text looks on a background with the YUV color 82.6660, 20.3777,

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

82.6660, 20.3777, 44.1429

Protanopia

80.2270, 35.8771, -27.3861

Deuteranopia

83.5160, 17.4936, -10.9765



Tritanopia

83.9940, -7.3920, 37.7163

Trichromacy



Original Color

82.6660, 20.3777, 44.1429

Protanomaly

81.1980, 29.9754, -1.0506

Deuteranomaly

83.5770, 18.4495, 9.1410

Tritanomaly

83.3500, 2.7855, 40.0351

Monochromacy



Original Color

82.6660, 20.3777, 44.1429

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0480, 7.3713, 15.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.6660, 20.3777, 44.1429 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(133, 49, 124)` looks like.

```
.text, #text, p{  
    color:rgb(133, 49, 124)  
}
```

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(133, 49, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 49, 124) }
```

Border

The CSS property to change the border of an element to YUV 82.6660, 20.3777, 44.1429 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(133, 49, 124) }
```


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

```
.border{ border-color:rgb(133, 49, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 49, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 49, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 49, 124);  
box-shadow:4px 4px 4px 4px rgb(133, 49,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 82.6660, 20.3777, 44.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 49, 124) }
```

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

```
.background{ background-color: rgb(133, 49,  
124) }
```

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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