

Converting Colors

YUV(82.7520, 13.4333, 78.2705)

Have a look what the booklet for
YUV(82.7520, 13.4333, 78.2705)
contains.

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Color

**YUV(82.7520, 13.4333,
78.2705)**

Conversions

Conversions Part 1

Format	Color
Hex	AC206E
RGB	172, 32, 110
RGB Percent	67%, 13%, 43%
CMY	0.3255, 0.8745, 0.5686
CMYK	0.00, 0.81, 0.36, 0.33
HSL	327°, 69%, 40%
HSV	327°, 81%, 67%
XYZ	20.3442, 10.9295, 15.7892
YIQ	82.7520, 58.4020, 53.9380

Conversions

Conversions Part 2

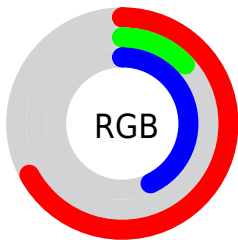
Format	Color
R_{YB}	172, 32, 110
Decimal	11280494
CIE _{Lab}	39.46, 60.03, -9.45
CIE _{LCh}	39, 60.773, 351.053
Yxy	10.9295, 0.4323, 0.2322
Android (android.graphics.Color)	4289470574 (0xFFAC206E)
YUV	82.7520, 13.4333, 78.2705
Hunter-Lab	33.0597, 51.9904, -5.1748

Details

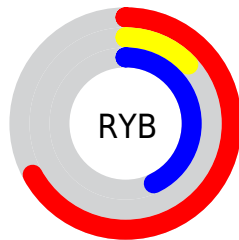
The YUV color **82.7520, 13.4333, 78.2705** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **121.2480, -13.4333, -78.2705**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1280, 9.7969, 77.9407**, and **41.4530, 10.1297, 64.5007** is the 20% darker color. If you saturate the color by 10%, you get **71.8610, 14.8585, 87.8219**, and if you desaturate by 10%, it is **93.6430, 12.0080, 68.7191**.

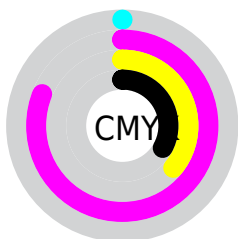
Distribution



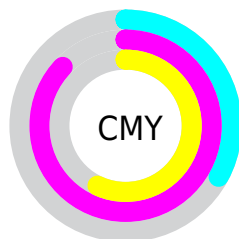
- Red (67%)
- Green (13%)
- Blue (43%)



- Red (67%)
- Yellow (13%)
- Blue (43%)



- Cyan (0%)
- Magenta (81%)
- Yellow (36%)
- Black (33%)





- Cyan (33%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.7520, 13.4333, 78.2705 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 82.7520, 13.4333, 78.2705 by changing the saturation by 10% instead.


 82.7520, 13.4333,
78.2705


 82.7520, 13.4333,
78.2705


255.0000, 0.0000,
0.0000


 52.5610, 16.4854,
79.3150


 142.1280, 9.7969,
77.9407


 41.4530, 10.1297,
64.5007


 168.8180, 9.9497,
75.5816


 30.3880, 5.2317,
48.7717

 188.9190, 13.3509,
57.9530

 20.5190, -0.2559,
35.5018

 208.6610, 17.9151,
40.6393

 8.4860, -3.6906,
17.1138

 226.8240, 13.8908,
24.7104

 0.0000, 0.0000,
0.0000

 243.8470, 5.4984,

9.7812

■ 82.7520, 13.4333,
78.2705

■ 82.7520, 13.4333,
78.2705

■ 71.8610, 14.8585,
87.8219

■ 93.6430, 12.0080,
68.7191

■ 62.3720, 16.5786,
96.1438

■ 104.4200, 10.1459,
59.2677

■ 115.8980, 8.4313,
49.2015

■ 126.6750, 6.5692,
39.7500

■ 137.5660, 5.1440,
30.1986

■ 148.4570, 3.7187,
20.6472

■ 159.2340, 1.8566,
11.1958

■ 170.7120, 0.1420,
1.1296

■ 181.6030, -1.2833,
-8.4218

Harmonies

Analogous

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



93.6680, 30.7297, 37.1252



82.7520, 13.4333, 78.2705



80.4220, -9.5750, 84.6989

Triad

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



82.7520, 13.4333, 78.2705



83.2070, -41.0211, -2.8125



85.1240, 41.8439, -74.6537

Complementary

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



82.7520, 13.4333, 78.2705



121.2480, -13.4333, -78.2705

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.



81.3960, 22.4828, -71.3843



82.7520, 13.4333, 78.2705



66.4910, -21.9341, -58.3126

Square

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



82.7520, 13.4333, 78.2705



88.1560, -43.4609, 33.1892



74.9950, 0.4955, -65.7706



82.9360, 53.7686, -72.7349

Rectangle

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



82.7520, 13.4333, 78.2705



84.6490, -27.4350, 73.0988



74.9950, 0.4955, -65.7706



84.2290, 35.8761, -73.8688

Sweetspot

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



82.7520, 13.4333, 78.2705



190.2670, 5.2914, 29.5838



66.1990, 52.1599, 23.5045



91.6200, 3.1453, 17.8733



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



82.7520, 13.4333, 78.2705



83.8020, 21.2966, 122.9536



74.8860, -16.7058, 85.1690



81.2610, 0.8573, 5.0331



54.4260, 14.5800, 83.8184



8.3590, 2.2880, 12.8402

Inverse Universe

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



82.7520, 13.4333, 78.2705



83.8020, 21.2966, 122.9536



129.1140, 16.7058, -85.1690



81.2610, 0.8573, 5.0331



54.4260, 14.5800, 83.8184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 82.7520, 13.4333, 78.2705 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

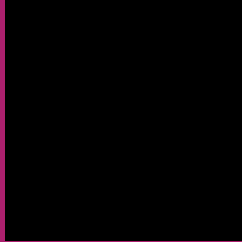
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.7520, 13.4333, 78.2705

Background



This preview shows how black text looks on a background with the YUV color 82.7520, 13.4333, 78.2705.



This preview shows how white text looks on a background with the YUV color 82.7520, 13.4333,

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

82.7520, 13.4333, 78.2705

Protanopia

92.6320, 28.2824, -18.0943

Deuteranopia

95.3470, 3.7729, 3.2037



Tritanopia

86.3250, -15.9362, 71.6290

Trichromacy



Original Color

82.7520, 13.4333, 78.2705

Protanomaly

88.7720, 22.7904, 16.8630

Deuteranomaly

90.8480, 7.4699, 30.8283

Tritanomaly

84.7950, -5.3219, 73.8478

Monochromacy



Original Color

82.7520, 13.4333, 78.2705

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.5550, 5.1494, 28.4543

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.7520, 13.4333, 78.2705 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(172, 32, 110)` looks like.

```
.text, #text, p{  
  color:rgb(172, 32, 110)  
}
```

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(172, 32, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 32, 110) }
```

Border

The CSS property to change the border of an element to YUV 82.7520, 13.4333, 78.2705 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(172, 32, 110) }
```


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

```
.border{ border-color:rgb(172, 32, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 32, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 32, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 32, 110);  
box-shadow:4px 4px 4px 4px rgb(172, 32,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 82.7520, 13.4333, 78.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 32, 110) }
```

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

```
.background{ background-color: rgb(172, 32,  
110) }
```

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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