

Converting Colors

YUV(88.2520, -5.0542, 81.3400)

Have a look what the booklet for
YUV(88.2520, -5.0542, 81.3400)
contains.

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Color

**YUV(88.2520, -5.0542,
81.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	B52B4E
RGB	181, 43, 78
RGB Percent	71%, 17%, 31%
CMY	0.2902, 0.8314, 0.6941
CMYK	0.00, 0.76, 0.57, 0.29
HSL	345°, 62%, 44%
HSV	345°, 76%, 71%
XYZ	21.2951, 12.1016, 8.4212
YIQ	88.2520, 71.0130, 40.1410

Conversions

Conversions Part 2

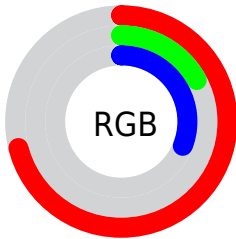
Format	Color
R_{YB}	181, 43, 78
Decimal	11873102
CIE Lab	41.38, 56.37, 13.71
CIE LCh	41, 58.010, 13.675
Yxy	12.1016, 0.5092, 0.2894
Android (android.graphics.Color)	4290063182 (0xFFB52B4E)
YUV	88.2520, -5.0542, 81.3400
Hunter-Lab	34.7873, 48.3911, 9.9984

Details

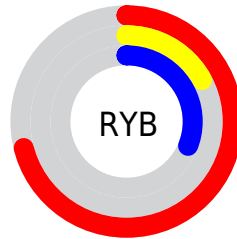
The YUV color **88.2520, -5.0542, 81.3400** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **135.7480, 5.0542, -81.3400**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1230, -9.4276, 84.0841**, and **40.3540, -3.1325, 71.6035** is the 20% darker color. If you saturate the color by 10%, you get **76.0900, -5.9604, 92.0061**, and if you desaturate by 10%, it is **100.4140, -4.1481, 70.6739**.

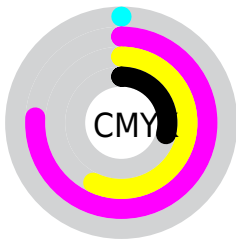
Distribution



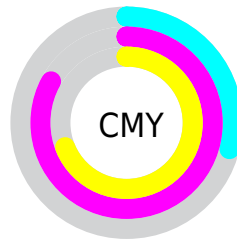
- Red (71%)
- Green (17%)
- Blue (31%)



- Red (71%)
- Yellow (17%)
- Blue (31%)



- Cyan (0%)
- Magenta (76%)
- Yellow (57%)
- Black (29%)



- Cyan (29%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2520, -5.0542, 81.3400 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 88.2520, -5.0542, 81.3400 by changing the saturation by 10% instead.

88.2520, -5.0542,
81.3400

88.2520, -5.0542,
81.3400

255.0000, 0.0000,
0.0000

51.4190, 1.7654,
87.3325

146.1230, -9.4276,
84.0841

40.3540, -3.1325,
71.6035

169.4100, -8.0901,
75.0624

29.2890, -8.0305,
55.8745

188.8100, -4.8363,
58.0486

19.6630, -8.7079,
39.7605

208.4380, -0.7089,
40.8349

9.9810, -4.4276,
20.1877

228.6530, 3.1291,
23.1063

0.0000, 0.0000,
0.0000

247.9560, 3.4727,

■ 88.2520, -5.0542,
81.3400

■ 88.2520, -5.0542,
81.3400

■ 76.0900, -5.9604,
92.0061

■ 100.4140, -4.1481,
70.6739

■ 64.0420, -6.4297,
102.5722

■ 112.4620, -3.6788,
60.1078

■ 59.3630, -6.5880,
106.6756

■ 124.6240, -2.7726,
49.4418

■ 136.6720, -2.3033,
38.8757

■ 149.4210, -1.6866,
27.6948

■ 161.4690, -1.2172,
17.1287

■ 173.6310, -0.3111,
6.4626

■ 185.6790, 0.1583,
-4.1035

■ 197.8410, 1.0644,
-14.7696

Harmonies

Analogous

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



93.6580, 15.9446, 66.0749



88.2520, -5.0542, 81.3400



91.2740, -28.7291, 68.1657

Triad

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



88.2520, -5.0542, 81.3400



79.6420, -30.8825, -34.7660



86.2300, 51.1586, -75.6237

Complementary

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



88.2520, -5.0542, 81.3400



135.7480, 5.0542, -81.3400

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.



87.2610, 37.3393, -76.5279



88.2520, -5.0542, 81.3400



76.5450, -3.7197, -67.1300

Square

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



88.2520, -5.0542, 81.3400



89.1760, -43.9638, 7.7386



83.4190, 17.5414, -73.1585



78.1260, 55.6469, -68.5165

Rectangle

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



88.2520, -5.0542, 81.3400



91.5220, -45.1203, 52.1622



83.4190, 17.5414, -73.1585



87.1930, 47.2329, -76.4683

Sweetspot

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



88.2520, -5.0542, 81.3400



198.6280, -2.2816, 31.8982



88.9310, 45.3900, 48.2955



94.8930, -0.9332, 19.3878



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.



88.2520, -5.0542, 81.3400



91.1420, -7.9580, 126.1635



103.0460, -29.6027, 68.3657



83.0330, -0.0163, 5.2331



50.1930, -5.5181, 90.1617



8.4580, -1.2118, 15.3843

Inverse Universe

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



88.2520, -5.0542, 81.3400



91.1420, -7.9580, 126.1635



120.9540, 29.6027, -68.3657



83.0330, -0.0163, 5.2331



50.1930, -5.5181, 90.1617



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 88.2520, -5.0542, 81.3400 looks on a white background.

Color Contrast Check

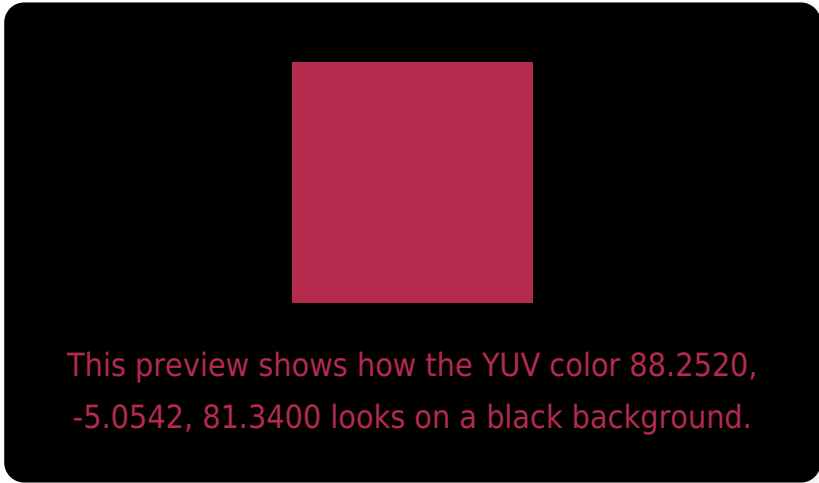
Large Text (above 18pt) WCAG AA ✓ Pass

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

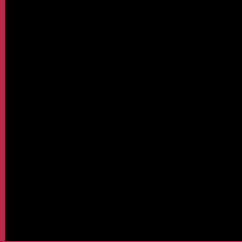
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.2520, -5.0542, 81.3400

Background



This preview shows how black text looks on a background with the YUV color 88.2520, -5.0542, 81.3400.



This preview shows how white text looks on a background with the YUV color 88.2520, -5.0542,

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

88.2520, -5.0542, 81.3400

Protanopia

99.0970, 2.9102, -0.0851

Deuteranopia

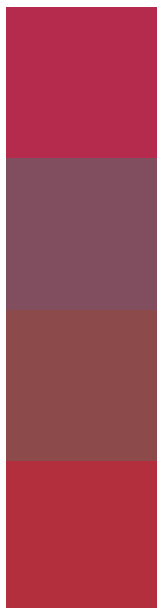
98.2550, -13.4367, 16.4394



Tritanopia

88.3970, -18.4367, 80.3358

Trichromacy



Original Color

88.2520, -5.0542, 81.3400

Protanomaly

95.1870, -0.0922, 29.6540

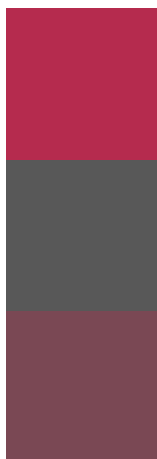
Deuteranomaly

94.3210, -10.0183, 40.0605

Tritanomaly

88.3630, -13.4900, 80.3656

Monochromacy



Original Color

88.2520, -5.0542, 81.3400

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.3180, -2.1288, 29.5391

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2520, -5.0542, 81.3400 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(181, 43, 78)` looks like.

```
.text, #text, p{  
    color:rgb(181, 43, 78)  
}
```

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(181, 43, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 43, 78) }
```

Border

The CSS property to change the border of an element to YUV 88.2520, -5.0542, 81.3400 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(181, 43, 78) }
```


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

```
.border{ border-color:rgb(181, 43, 78) }
```

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

Here you see how a box with a 4 pixel rgb(181, 43, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 43, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 43, 78);  
box-shadow:4px 4px 4px 4px rgb(181, 43,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 88.2520, -5.0542, 81.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 43, 78) }
```

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

```
.background{ background-color: rgb(181, 43,  
78) }
```

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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