

Converting Colors

YUV(88.2420, -6.5283, 87.4878)

Have a look what the booklet for
YUV(88.2420, -6.5283, 87.4878)
contains.

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Color

**YUV(88.2420, -6.5283,
87.4878)**

Conversions

Conversions Part 1

Format	Color
Hex	BC284B
RGB	188, 40, 75
RGB Percent	74%, 16%, 29%
CMY	0.2627, 0.8431, 0.7059
CMYK	0.00, 0.79, 0.60, 0.26
HSL	346°, 65%, 45%
HSV	346°, 79%, 74%
XYZ	22.7678, 12.7169, 7.9112
YIQ	88.2420, 76.9730, 42.2610

Conversions

Conversions Part 2

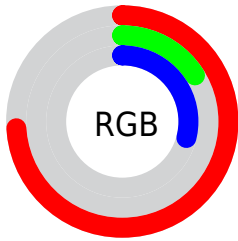
Format	Color
R_{YB}	188, 40, 75
Decimal	12331083
CIE _{Lab}	42.33, 59.09, 17.12
CIE _{LCh}	42, 61.518, 16.158
Yxy	12.7169, 0.5247, 0.2930
Android (android.graphics.Color)	4290521163 (0xFFBC284B)
YUV	88.2420, -6.5283, 87.4878
Hunter-Lab	35.6608, 51.5577, 11.8093

Details

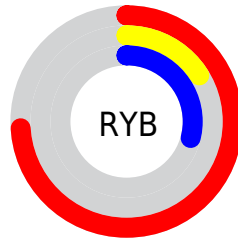
The YUV color **88.2420, -6.5283, 87.4878** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **139.7580, 6.5283, -87.4878**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4720, -12.0647, 89.9171**, and **41.9200, -4.8906, 75.4922** is the 20% darker color. If you saturate the color by 10%, you get **75.4930, -7.1450, 98.6686**, and if you desaturate by 10%, it is **100.9910, -5.9116, 76.3069**.

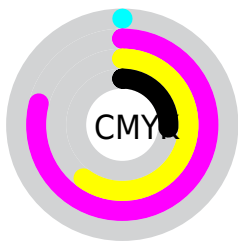
Distribution



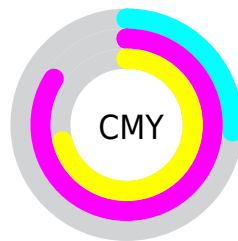
- Red (74%)
- Green (16%)
- Blue (29%)



- Red (74%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (79%)
- Yellow (60%)
- Black (26%)



- Cyan (26%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2420, -6.5283, 87.4878 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 88.2420, -6.5283, 87.4878 by changing the saturation by 10% instead.

■ 88.2420, -6.5283,
87.4878

■ 88.2420, -6.5283,
87.4878

255.0000, 0.0000,
0.0000

■ 53.2840, -0.1400,
91.8359

■ 147.4720,
-12.0647, 89.9171

■ 41.9200, -4.8906,
75.4922

■ 168.3670, -9.5479,
75.9771

■ 30.3280, -10.5147,
59.3483

■ 187.8810, -5.8573,
58.8634

■ 21.1580, -9.4449,
42.8344

■ 207.9820, -2.4561,
41.2348

■ 11.7750, -5.3121,
23.8763

■ 228.1970, 1.3819,
23.5062

■ 0.0000, 0.0000,
0.0000

■ 247.9560, 3.4727,

■ 88.2420, -6.5283,
87.4878

■ 88.2420, -6.5283,
87.4878

■ 75.4930, -7.1450,
98.6686

■ 100.9910, -5.9116,
76.3069

■ 62.6300, -8.1986,
109.9495

■ 113.8540, -4.8580,
65.0260

■ 61.2280, -8.4934,
111.1790

■ 126.0160, -3.9519,
54.3600

■ 138.7650, -3.3351,
43.1791

■ 151.6280, -2.2816,
31.8982

■ 164.3770, -1.6649,
20.7174

■ 177.1260, -1.0481,
9.5365

■ 189.4020, 0.2948,
-1.2296

■ 202.1510, 0.9116,
-12.4104

Harmonies

Analogous

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



93.4140, 16.0649, 74.1819



88.2420, -6.5283, 87.4878



92.8460, -32.9551, 70.2951

Triad

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



88.2420, -6.5283, 87.4878



77.9180, -29.5396, -45.5321



89.0170, 54.2216, -78.0679

Complementary

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



88.2420, -6.5283, 87.4878



139.7580, 6.5283, -87.4878

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.



90.1620, 40.8391, -79.0721



88.2420, -6.5283, 87.4878



79.4630, -2.6933, -69.6891

Square

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



88.2420, -6.5283, 87.4878



90.9260, -44.8265, 4.4499



86.0920, 20.1676, -75.5027



84.5940, 55.9092, -59.2799

Rectangle

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



88.2420, -6.5283, 87.4878



93.8810, -46.2833, 51.8474



86.0920, 20.1676, -75.5027



90.0940, 50.7327, -79.0124

Sweetspot

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



88.2420, -6.5283, 87.4878



205.2370, -2.5818, 34.8722



90.0610, 48.2839, 53.4435



98.3770, -1.6649, 20.7174



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



88.2420, -6.5283, 87.4878



89.9260, -10.3165, 135.9999



105.9710, -32.5237, 71.9394



87.9190, -0.4531, 5.3330



51.4600, -7.1288, 93.4356



10.0670, -1.5120, 18.3582

Inverse Universe

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



88.2420, -6.5283, 87.4878



89.9260, -10.3165, 135.9999



122.0290, 32.5237, -71.9394



87.9190, -0.4531, 5.3330



51.4600, -7.1288, 93.4356



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 88.2420, -6.5283, 87.4878 looks on a white background.

Color Contrast Check

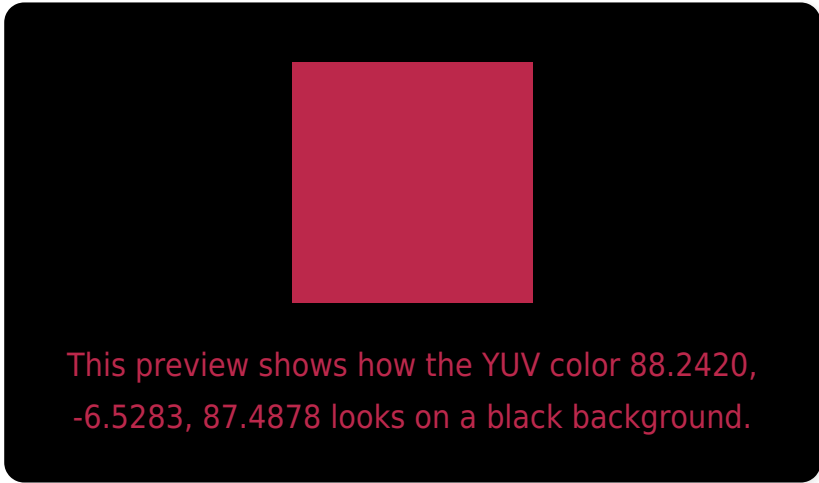
Large Text (above 18pt) WCAG AA ✓ Pass

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

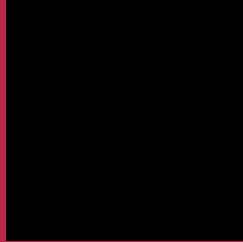
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.2420, -6.5283, 87.4878

Background



This preview shows how black text looks on a background with the YUV color 88.2420, -6.5283, 87.4878.



This preview shows how white text looks on a background with the YUV color 88.2420, -6.5283,

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

88.2420, -6.5283, 87.4878

Protanopia

100.8260, 0.5788, 1.0296

Deuteranopia

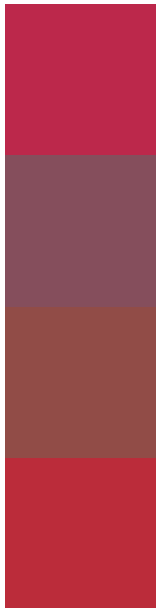
100.8700, -16.2049, 17.6540



Tritanopia

88.3870, -19.9108, 86.4836

Trichromacy



Original Color

88.2420, -6.5283, 87.4878

Protanomaly

96.0410, -1.9922, 32.4130

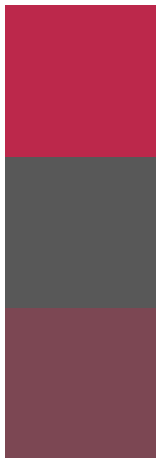
Deuteranomaly

96.0610, -12.3551, 42.9195

Tritanomaly

88.3530, -14.9640, 86.5134

Monochromacy



Original Color

88.2420, -6.5283, 87.4878

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2150, -2.5710, 31.3834

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2420, -6.5283, 87.4878 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(188, 40, 75)` looks like.

```
.text, #text, p{  
    color:rgb(188, 40, 75)  
}
```

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(188, 40, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 40, 75) }
```

Border

The CSS property to change the border of an element to YUV 88.2420, -6.5283, 87.4878 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(188, 40, 75) }
```


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

```
.border{ border-color:rgb(188, 40, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 40, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 40, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 40, 75);  
box-shadow:4px 4px 4px 4px rgb(188, 40,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 88.2420, -6.5283, 87.4878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 40, 75) }
```

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

```
.background{ background-color: rgb(188, 40,  
75) }
```

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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