

Converting Colors

YUV(88.5920, 2.6661, 78.4108)

Have a look what the booklet for
YUV(88.5920, 2.6661, 78.4108)
contains.

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Color

**YUV(88.5920, 2.6661,
78.4108)**

Conversions

Conversions Part 1

Format	Color
Hex	B22A5E
RGB	178, 42, 94
RGB Percent	70%, 16%, 37%
CMY	0.3020, 0.8353, 0.6314
CMYK	0.00, 0.76, 0.47, 0.30
HSL	337°, 62%, 43%
HSV	337°, 76%, 70%
XYZ	21.2084, 11.9291, 11.7744
YIQ	88.5920, 64.3640, 45.0040

Conversions

Conversions Part 2

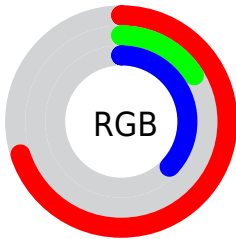
Format	Color
R_{YB}	178, 42, 94
Decimal	11676254
CIE _{Lab}	41.10, 57.13, 3.17
CIE _{LCh}	41, 57.222, 3.175
Yxy	11.9291, 0.4722, 0.2656
Android (android.graphics.Color)	4289866334 (0xFFB22A5E)
YUV	88.5920, 2.6661, 78.4108
Hunter-Lab	34.5385, 49.1661, 3.9646

Details

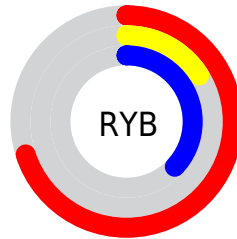
The YUV color **88.5920, 2.6661, 78.4108** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **131.4080, -2.6661, -78.4108**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2780, -1.1231, 80.4402**, and **41.3520, 3.2775, 68.9743** is the 20% darker color. If you saturate the color by 10%, you get **76.7720, 3.0704, 88.7770**, and if you desaturate by 10%, it is **100.4120, 2.2619, 68.0447**.

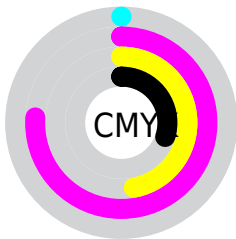
Distribution



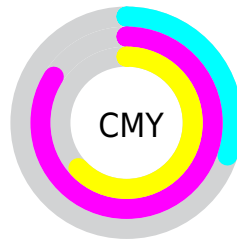
- Red (70%)
- Green (16%)
- Blue (37%)



- Red (70%)
- Yellow (16%)
- Blue (37%)



- Cyan (0%)
- Magenta (76%)
- Yellow (47%)
- Black (30%)



- Cyan (30%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.5920, 2.6661, 78.4108 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 88.5920, 2.6661, 78.4108 by changing the saturation by 10% instead.

 88.5920, 2.6661,
78.4108

 88.5920, 2.6661,
78.4108


255.0000, 0.0000,
0.0000


 52.6450, 9.0490,
84.5033


 146.2780, -1.1231,
80.4402


 41.3520, 3.2775,
68.9743


 170.8750, 0.0616,
73.7776


 30.4010, -1.1837,
53.1453

 190.3890, 3.7522,
56.6638

 19.6630, -8.7079,
39.7605

 210.0170, 7.8796,
39.4501

 9.9810, -4.4276,
20.1877

 230.2320, 11.7176,
21.7215

 0.0000, 0.0000,
0.0000

 247.9560, 3.4727,

6.1776

■ 88.5920, 2.6661,
78.4108

■ 88.5920, 2.6661,
78.4108

■ 76.7720, 3.0704,
88.7770

■ 100.4120, 2.2619,
68.0447

■ 64.9520, 3.4747,
99.1431

■ 112.2320, 1.8576,
57.6785

■ 60.9740, 3.4638,
102.6318

■ 123.4650, 1.7428,
47.8272

■ 135.2850, 1.3385,
37.4611

■ 147.1050, 0.9342,
27.0949

■ 158.9250, 0.5300,
16.7288

■ 170.7450, 0.1257,
6.3626

■ 181.9780, 0.0108,
-3.4887

■ 193.7980, -0.3934,
-13.8548

Harmonies

Analogous

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



96.0630, 21.6609, 52.5647



88.5920, 2.6661, 78.4108



89.7830, -20.5990, 73.8583

Triad

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



88.5920, 2.6661, 78.4108



83.4180, -41.1251, -16.1526



86.9650, 46.3593, -76.2683

Complementary

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



88.5920, 2.6661, 78.4108



131.4080, -2.6661, -78.4108

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.



85.4370, 30.3506, -74.9282



88.5920, 2.6661, 78.4108



73.4330, -10.5665, -64.4007

Square

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



88.5920, 2.6661, 78.4108



90.7260, -44.7279, 19.5343



80.7800, 9.9685, -70.8441



81.1750, 54.6367, -71.1905

Rectangle

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



88.5920, 2.6661, 78.4108



90.9820, -35.9801, 60.5288



80.7800, 9.9685, -70.8441



87.1130, 41.8493, -76.3981

Sweetspot

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



88.5920, 2.6661, 78.4108



197.1270, 0.9234, 30.5836



82.6200, 47.0223, 38.0443



95.3490, 0.8139, 18.9879



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.



88.5920, 2.6661, 78.4108



91.9210, 3.9829, 122.8493



92.0560, -24.6776, 75.3729



83.1470, 0.4205, 5.1331



52.4730, 3.2178, 88.1622



8.9140, 0.5354, 14.9844

Inverse Universe

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



88.5920, 2.6661, 78.4108



91.9210, 3.9829, 122.8493



127.9440, 24.6776, -75.3729



83.1470, 0.4205, 5.1331



52.4730, 3.2178, 88.1622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 88.5920, 2.6661, 78.4108 looks on a white background.

Color Contrast Check

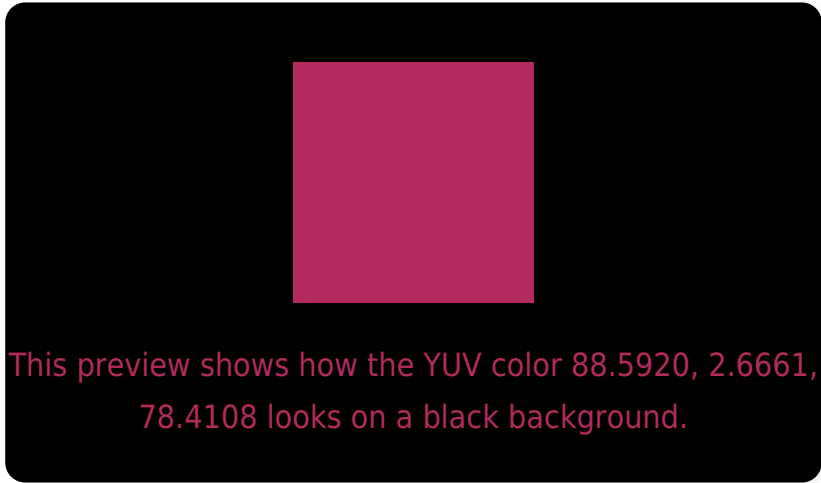
Large Text (above 18pt) WCAG AA ✓ Pass

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

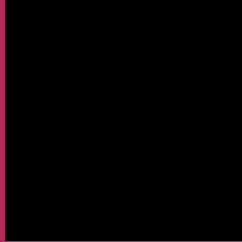
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.5920, 2.6661, 78.4108

Background



This preview shows how black text looks on a background with the YUV color 88.5920, 2.6661, 78.4108.



This preview shows how white text looks on a background with the YUV color 88.5920, 2.6661,

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

88.5920, 2.6661, 78.4108

Protanopia

98.3980, 13.1148, -6.4880

Deuteranopia

98.2850, -5.5635, 11.1511



Tritanopia

89.4180, -16.9681, 75.9324

Trichromacy



Original Color

88.5920, 2.6661, 78.4108

Protanomaly

94.9720, 9.3808, 24.5806

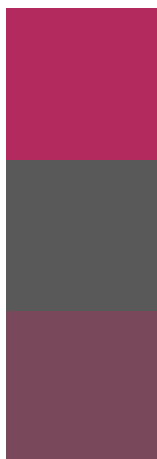
Deuteranomaly

94.6500, -2.2924, 35.3870

Tritanomaly

88.9650, -9.8427, 77.2067

Monochromacy



Original Color

88.5920, 2.6661, 78.4108

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8170, 1.0762, 28.2245

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5920, 2.6661, 78.4108 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(178, 42, 94)` looks like.

```
.text, #text, p{  
    color:rgb(178, 42, 94)  
}
```

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(178, 42, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 42, 94) }
```

Border

The CSS property to change the border of an element to YUV 88.5920, 2.6661, 78.4108 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(178, 42, 94) }
```


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

```
.border{ border-color:rgb(178, 42, 94) }
```

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

Here you see how a box with a 4 pixel rgb(178, 42, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 42, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 42, 94);  
box-shadow:4px 4px 4px 4px rgb(178, 42,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 88.5920, 2.6661, 78.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 42, 94) }
```

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

```
.background{ background-color: rgb(178, 42,  
94) }
```

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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