

Converting Colors

YUV(88.3060, 23.0201, 36.5656)

Have a look what the booklet for
YUV(88.3060, 23.0201, 36.5656)
contains.

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Color

**YUV(88.3060, 23.0201,
36.5656)**

Conversions

Conversions Part 1

Format	Color
Hex	823A87
RGB	130, 58, 135
RGB Percent	51%, 23%, 53%
CMY	0.4902, 0.7725, 0.4706
CMYK	0.04, 0.57, 0.00, 0.47
HSL	296°, 40%, 38%
HSV	296°, 57%, 53%
XYZ	15.0922, 9.5212, 23.9640
YIQ	88.3060, 18.1950, 39.2110

Conversions

Conversions Part 2

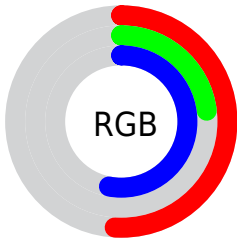
Format	Color
R_{YB}	130, 58, 135
Decimal	8534663
CIE _{Lab}	36.97, 42.44, -29.43
CIE _{LCh}	37, 51.643, 325.263
Yxy	9.5212, 0.3107, 0.1960
Android (android.graphics.Color)	4286724743 (0xFF823A87)
YUV	88.3060, 23.0201, 36.5656
Hunter-Lab	30.8565, 33.3071, -24.4468

Details

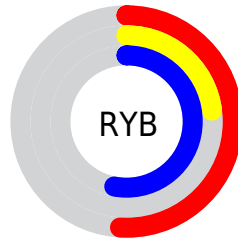
The YUV color **88.3060, 23.0201, 36.5656** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **104.6940, -23.0201, -36.5656**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8440, 23.7409, 38.7248**, and **33.5990, 25.3407, 38.9397** is the 20% darker color. If you saturate the color by 10%, you get **80.3760, 26.9296, 42.6432**, and if you desaturate by 10%, it is **96.8230, 18.8213, 29.9732**.

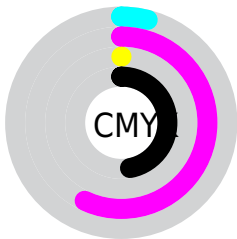
Distribution



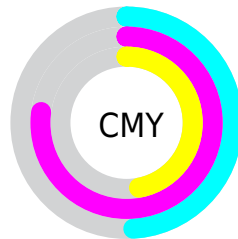
- Red (51%)
- Green (23%)
- Blue (53%)



- Red (51%)
- Yellow (23%)
- Blue (53%)



- Cyan (4%)
- Magenta (57%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (77%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3060, 23.0201, 36.5656 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 88.3060, 23.0201, 36.5656 by changing the saturation by 10% instead.

88.3060, 23.0201,
36.5656

88.3060, 23.0201,
36.5656

255.0000, 0.0000,
0.0000

62.3060, 23.0201,
36.5656

140.8440, 23.7409,
38.7248

33.5990, 25.3407,
38.9397

167.6700, 24.3197,
39.7544

22.8010, 18.8321,
26.4845

195.3820, 24.4617,
40.8840

13.7150, 12.4655,
15.1589

216.8450, 18.8104,
33.4619

2.4110, 6.6994,
-2.1144

233.2810, 10.7075,
19.0476

0.0000, 0.0000,
0.0000

250.3040, 2.3151,

4.1184

■ 88.3060, 23.0201,
36.5656

■ 88.3060, 23.0201,
36.5656

■ 80.3760, 26.9296,
42.6432

■ 96.8230, 18.8213,
29.9732

■ 71.8590, 31.1285,
49.2357

■ 104.7530, 14.9118,
23.8956

■ 63.9290, 35.0380,
55.3133

■ 113.2700, 10.7129,
17.3032

■ 55.4120, 39.2369,
61.9057

■ 121.2000, 6.8034,
11.2256

■ 53.0640, 40.3944,
63.9649

■ 129.4180, 2.7519,
4.0184

■ 137.3480, -1.1576,
-2.0592

■ 145.8650, -5.3564,
-8.6516

■ 153.7950, -9.2659,
-14.7292

■ 161.7250,
-13.1754, -20.8068

Harmonies

Analogous

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



85.8850, 38.0177, -13.9311



88.3060, 23.0201, 36.5656



81.5410, 6.6353, 65.3005

Triad

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



88.3060, 23.0201, 36.5656



81.9100, -40.3816, 25.5119



76.0160, 22.1771, -66.6660

Complementary

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



88.3060, 23.0201, 36.5656



104.6940, -23.0201, -36.5656

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.



70.6410, 4.1210, -61.9522



88.3060, 23.0201, 36.5656



76.9940, -37.9580, -5.2567

Square

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



88.3060, 23.0201, 36.5656



82.0240, -33.0428, 51.7220



63.9780, -13.7932, -56.1087



77.5440, 38.1858, -68.0061

Rectangle

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



88.3060, 23.0201, 36.5656



80.2460, -6.0373, 69.9443



63.9780, -13.7932, -56.1087



74.5340, 16.4987, -65.3663

Sweetspot

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



88.3060, 23.0201, 36.5656



157.7920, 8.9765, 14.2144



69.7130, 32.1865, -10.2723



78.1350, 5.3564, 8.6516



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



88.3060, 23.0201, 36.5656



103.1680, 35.9062, 56.8577



86.0390, 7.8688, 42.9388



62.4780, 1.7363, 3.0888



51.2980, 38.8001, 62.0057



0.9400, 1.0156, 0.9296

Inverse Universe

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



81.5930, -9.1663, 46.8379



92.7920, -14.1945, 72.9734



106.9610, -7.8688, -42.9388



61.7940, -0.8844, 3.6887



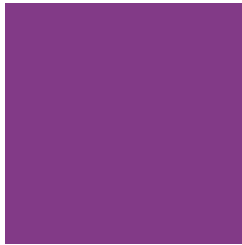
39.7820, -15.6685, 79.1212



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 88.3060, 23.0201, 36.5656 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



This preview shows how the YUV color 88.3060, 23.0201, 36.5656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

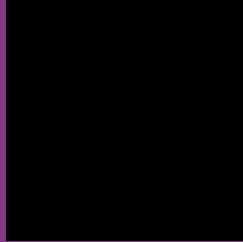
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3060, 23.0201, 36.5656

Background



This preview shows how black text looks on a background with the YUV color 88.3060, 23.0201, 36.5656.



This preview shows how white text looks on a background with the YUV color 88.3060, 23.0201,

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

88.3060, 23.0201, 36.5656

Protanopia

83.3840, 37.7717, -28.4008

Deuteranopia

86.5200, 21.4356, -15.3650



Tritanopia

88.6340, -4.7496, 30.1390

Trichromacy



Original Color

88.3060, 23.0201, 36.5656

Protanomaly

85.1590, 32.4596, -4.5244

Deuteranomaly

86.8690, 22.2496, 3.6229

Tritanomaly

88.8760, 4.9911, 32.5577

Monochromacy



Original Color

88.3060, 23.0201, 36.5656

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9660, 8.3978, 13.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3060, 23.0201, 36.5656 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(130, 58, 135)` looks like.

```
.text, #text, p{  
    color:rgb(130, 58, 135)  
}
```

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(130, 58, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 58, 135) }
```

Border

The CSS property to change the border of an element to YUV 88.3060, 23.0201, 36.5656 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(130, 58, 135) }
```


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

```
.border{ border-color:rgb(130, 58, 135) }
```

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

Here you see how a box with a 4 pixel rgb(130, 58, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 58, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 58, 135);  
box-shadow:4px 4px 4px 4px rgb(130, 58,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 88.3060, 23.0201, 36.5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 58, 135) }
```

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

```
.background{ background-color: rgb(130, 58,  
135) }
```

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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