

Converting Colors

YUV(104.2620, 60.0168,
23.4492)

Have a look what the booklet for
YUV(104.2620, 60.0168, 23.4492)
contains.

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Color

**YUV(104.2620, 60.0168,
23.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	8343E2
RGB	131, 67, 226
RGB Percent	51%, 26%, 89%
CMY	0.4863, 0.7373, 0.1137
CMYK	0.42, 0.70, 0.00, 0.11
HSL	264°, 73%, 57%
HSV	264°, 70%, 89%
XYZ	25.0947, 14.3306, 73.3949
YIQ	104.2620, -12.8950, 63.0170

Conversions

Conversions Part 2

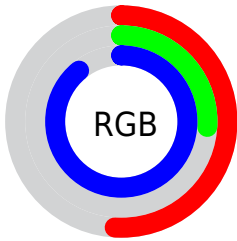
Format	Color
R_{YB}	131, 67, 226
Decimal	8602594
CIE _{Lab}	44.70, 59.11, -70.70
CIE _{LCh}	45, 92.155, 309.898
Yxy	14.3306, 0.2224, 0.1270
Android (android.graphics.Color)	4286792674 (0xFF8343E2)
YUV	104.2620, 60.0168, 23.4492
Hunter-Lab	37.8558, 52.0806, -88.4527

Details

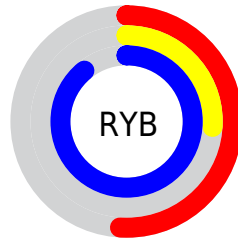
The YUV color **104.2620, 60.0168, 23.4492** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **188.7380, -60.0168, -23.4492**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.3200, 48.6492, 29.5374**, and **43.7180, 61.7640, 23.0493** is the 20% darker color. If you saturate the color by 10%, you get **86.5750, 68.7365, 26.6827**, and if you desaturate by 10%, it is **121.9490, 51.2971, 20.2157**.

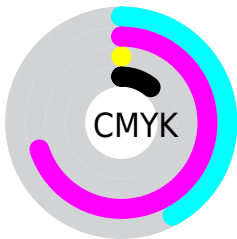
Distribution



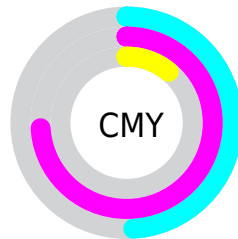
- Red (51%)
- Green (26%)
- Blue (89%)



- Red (51%)
- Yellow (26%)
- Blue (89%)



- Cyan (42%)
- Magenta (70%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (74%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2620, 60.0168, 23.4492 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 104.2620, 60.0168, 23.4492 by changing the saturation by 10% instead.

104.2620, 60.0168,
23.4492

104.2620, 60.0168,
23.4492

255.0000, 0.0000,
0.0000

76.1370, 59.5855,
21.8049

156.3200, 48.6492,
29.5374

43.7180, 61.7640,
23.0493

181.1390, 36.4135,
34.0811

26.3540, 57.0135,
6.7055

205.9580, 24.1777,
38.6248

13.2240, 50.6686,
-11.5974

224.4760, 15.0483,
26.7695

10.2600, 39.3118,
-8.9980

240.9120, 6.9454,
12.3552

11.5190, 26.3661,
-10.1022

6.5490, 17.4773,

-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 104.2620, 60.0168,
23.4492

■ 104.2620, 60.0168,
23.4492

■ 86.5750, 68.7365,
26.6827

■ 121.9490, 51.2971,
20.2157

■ 69.7740, 77.0194,
30.0162

■ 138.7500, 43.0142,
16.8822

■ 52.9730, 85.3023,
33.3497

■ 156.4370, 34.2946,
13.6488

■ 173.2380, 26.0117,
10.3153

■ 190.9250, 17.2920,
7.0818

■ 208.3130, 8.7197,
3.2335

■ 225.4130, 0.2894,
0.5148

■ 242.8010, -8.2829,
-3.3335

■ 251.0960,
-12.3723, 1.6698

Harmonies

Analogous

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



93.0530, 79.8399, -81.6075



104.2620, 60.0168, 23.4492



81.3290, 38.7848, 113.7215

Triad

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



104.2620, 60.0168, 23.4492



98.3770, -48.4999, 62.8134



94.0650, 17.7160, -82.4950

Complementary

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



104.2620, 60.0168, 23.4492



188.7380, -60.0168, -23.4492

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.



82.8420, -17.6701, -72.6524



104.2620, 60.0168, 23.4492



97.1500, -47.8949, 8.6385

Square

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



104.2620, 60.0168, 23.4492



64.2850, -31.6925, 132.1771



73.9620, -36.4633, -64.8647



102.5010, 50.0390, -89.8934

Rectangle

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



104.2620, 60.0168, 23.4492



81.3100, 14.1442, 130.4011



73.9620, -36.4633, -64.8647



90.4000, 6.2118, -79.2808

Sweetspot

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



104.2620, 60.0168, 23.4492



213.7340, 20.3441, 8.1263



140.8910, 41.9587, -64.8024



103.2360, 12.2087, 4.1780



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



104.2620, 60.0168, 23.4492



91.1100, 80.7978, 31.4755



127.8830, 48.3717, 72.0166



103.4500, 4.2151, 1.3593



41.2930, 66.4106, 26.0530



11.4520, 18.0182, 7.4966

Inverse Universe

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



125.3710, 18.0581, 88.2516



119.5780, 24.3650, 118.7651



165.1170, -48.3717, -72.0166



105.0870, 1.4361, 6.0627



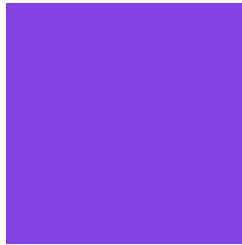
64.5940, 19.9202, 97.7031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 104.2620, 60.0168, 23.4492 looks on a white background.

Color Contrast Check

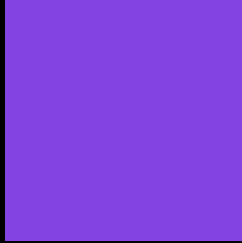
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 104.2620, 60.0168, 23.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

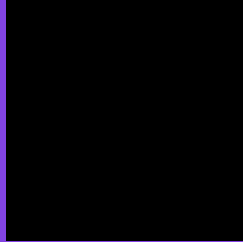
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.2620, 60.0168, 23.4492

Background



This preview shows how black text looks on a background with the YUV color 104.2620, 60.0168, 23.4492.



This preview shows how white text looks on a background with the YUV color 104.2620, 60.0168,

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

104.2620, 60.0168, 23.4492

Protanopia

84.3840, 64.3937, -74.0048

Deuteranopia

84.7140, 50.4270, -74.2942



Tritanopia

105.9120, 3.4944, -0.7998

Trichromacy



Original Color

104.2620, 60.0168, 23.4492



Protanomaly

91.5610, 62.8274, -38.2030



Deuteranomaly

91.8570, 53.8075, -38.4626



Tritanomaly

105.0590, 24.1279, 7.8413

Monochromacy



Original Color

104.2620, 60.0168, 23.4492



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

104.3750, 21.5071, 8.4411

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2620, 60.0168, 23.4492 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(131, 67, 226)` looks like.

```
.text, #text, p{  
    color:rgb(131, 67, 226)  
}
```

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(131, 67, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 67, 226) }
```

Border

The CSS property to change the border of an element to YUV 104.2620, 60.0168, 23.4492 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(131, 67, 226) }
```


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

```
.border{ border-color:rgb(131, 67, 226) }
```

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

Here you see how a box with a 4 pixel rgb(131, 67, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 67, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 67, 226);  
box-shadow:4px 4px 4px 4px rgb(131, 67,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 104.2620, 60.0168, 23.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 67, 226) }
```

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

```
.background{ background-color: rgb(131, 67,  
226) }
```

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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