

Converting Colors

YUV(107.0440, 23.6423,
23.6404)

Have a look what the booklet for
YUV(107.0440, 23.6423, 23.6404)
contains.

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Color

**YUV(107.0440, 23.6423,
23.6404)**

Conversions

Conversions Part 1

Format	Color
Hex	86549B
RGB	134, 84, 155
RGB Percent	53%, 33%, 61%
CMY	0.4745, 0.6706, 0.3922
CMYK	0.14, 0.46, 0.00, 0.39
HSL	282°, 30%, 47%
HSV	282°, 46%, 61%
XYZ	18.9182, 13.7755, 32.6722
YIQ	107.0440, 7.0090, 32.6810

Conversions

Conversions Part 2

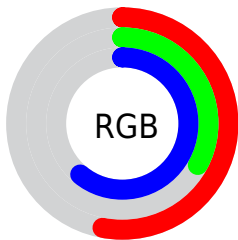
Format	Color
RYB	134, 84, 155
Decimal	8803483
CIELab	43.91, 33.70, -30.60
CIElCh	44, 45.526, 317.759
Yxy	13.7755, 0.2894, 0.2107
Android (android.graphics.Color)	4286993563 (0xFF86549B)
YUV	107.0440, 23.6423, 23.6404
Hunter-Lab	37.1154, 26.0319, -26.2114

Details

The YUV color **107.0440, 23.6423, 23.6404** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.9560, -23.6423, -23.6404**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3970, 24.9473, 25.0848**, and **57.3920, 22.4847, 21.5812** is the 20% darker color. If you saturate the color by 10%, you get **96.7440, 28.7202, 28.2885**, and if you desaturate by 10%, it is **117.9310, 18.2750, 18.4775**.

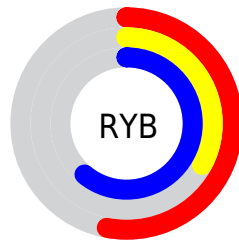
Distribution



Red (53%)

Green (33%)

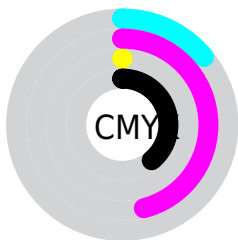
Blue (61%)



Red (53%)

Yellow (33%)

Blue (61%)

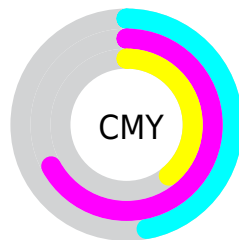


Cyan (14%)

Magenta (46%)

Yellow (0%)

Black (39%)



Cyan (47%)

Magenta (67%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0440, 23.6423, 23.6404 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 107.0440, 23.6423, 23.6404 by changing the saturation by 10% instead.

■ 107.0440, 23.6423,
23.6404

■ 107.0440, 23.6423,
23.6404

■ 255.0000, 0.0000,
0.0000

■ 82.2180, 23.0635,
22.6108

■ 159.3970, 24.9473,
25.0848

■ 57.3920, 22.4847,
21.5812

■ 187.1090, 25.0893,
26.2144

■ 33.3920, 22.4847,
21.5812

■ 213.5670, 20.4265,
28.4437

■ 16.8490, 19.3014,
15.9184

■ 232.6940, 10.9969,
19.5624

■ 3.8760, 14.8511,
-3.3993

■ 249.7170, 2.6045,
4.6332

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 107.0440, 23.6423,
23.6404

■ 107.0440, 23.6423,
23.6404

■ 96.7440, 28.7202,
28.2885

■ 117.9310, 18.2750,
18.4775

■ 86.1560, 33.9401,
34.0662

■ 127.9320, 13.3445,
13.2146

■ 75.8560, 39.0180,
38.7143

■ 138.8190, 7.9772,
8.0517

■ 65.2680, 44.2379,
44.4920

■ 148.8200, 3.0467,
2.7889

■ 54.9680, 49.3158,
49.1401

■ 159.7070, -2.3206,
-2.3740

■ 50.2610, 51.6363,
51.5141

■ 170.0070, -7.3985,
-7.0221

■ 180.5950,
-12.6183, -12.7998

■ 190.8950,
-17.6962, -17.4479

■ 200.8960,
-22.6267, -22.7108

Harmonies

Analogous

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



101.1890, 36.8818, -22.9678



107.0440, 23.6423, 23.6404



104.8060, 7.9836, 52.7901

Triad

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



107.0440, 23.6423, 23.6404



99.7520, -37.3457, 31.7895



85.9780, 19.7308, -75.4027

Complementary

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



107.0440, 23.6423, 23.6404



131.9560, -23.6423, -23.6404

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.



80.8310, 2.5483, -70.8888



107.0440, 23.6423, 23.6404



97.2170, -36.0960, 4.1947

Square

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



107.0440, 23.6423, 23.6404



101.5710, -25.9175, 52.9962



91.4220, -20.4210, -30.1881



87.9790, 35.0134, -77.1576

Rectangle

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



107.0440, 23.6423, 23.6404



102.1740, -3.5368, 61.2374



91.4220, -20.4210, -30.1881



84.4960, 14.0525, -74.1030

Sweetspot

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



107.0440, 23.6423, 23.6404



182.1720, 9.2822, 9.4962



104.4210, 24.9354, -17.9092



90.5260, 5.6567, 5.6777



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



107.0440, 23.6423, 23.6404



126.8620, 36.5500, 36.9550



111.7270, 14.4316, 37.9504



71.4070, 2.7573, 2.2741



45.5610, 46.5584, 46.8660



4.1730, 4.3517, 4.2333

Inverse Universe

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



107.6230, -1.2931, 41.5496



127.5380, -2.2372, 64.4262



127.2730, -14.4316, -37.9504



71.6200, -0.3057, 4.7183



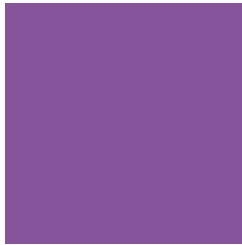
46.5340, -2.7283, 81.9697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 107.0440, 23.6423, 23.6404 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 107.0440, 23.6423, 23.6404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

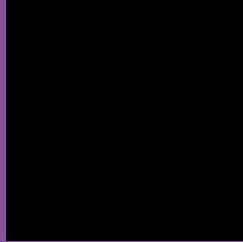
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.0440, 23.6423, 23.6404

Background



This preview shows how black text looks on a background with the YUV color 107.0440, 23.6423, 23.6404.



This preview shows how white text looks on a background with the YUV color 107.0440, 23.6423, 23.6404.

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

107.0440, 23.6423, 23.6404

Protanopia

102.3910, 33.8242, -22.2679

Deuteranopia

103.0900, 23.6196, -15.8649



Tritanopia

105.7680, -1.3646, 17.7435

Trichromacy



Original Color

107.0440, 23.6423, 23.6404

Protanomaly

103.8770, 30.1336, -5.1541

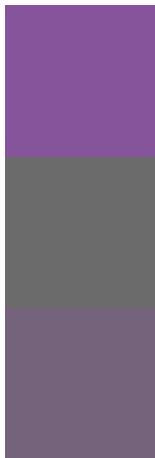
Deuteranomaly

104.4770, 23.4288, -1.2953

Tritanomaly

106.4830, 7.6499, 19.7474

Monochromacy



Original Color

107.0440, 23.6423, 23.6404

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2320, 8.2666, 8.5665

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0440, 23.6423, 23.6404 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(134, 84, 155)` looks like.

```
.text, #text, p{  
    color:rgb(134, 84, 155)  
}
```

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(134, 84, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 84, 155) }
```

Border

The CSS property to change the border of an element to YUV 107.0440, 23.6423, 23.6404 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(134, 84, 155) }
```


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

```
.border{ border-color:rgb(134, 84, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 84, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 84, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 84, 155);  
box-shadow:4px 4px 4px 4px rgb(134, 84,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 107.0440, 23.6423, 23.6404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 84, 155) }
```

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

```
.background{ background-color: rgb(134, 84,  
155) }
```

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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