

Converting Colors

YUV(83.1230, 23.6034,
-10.6319)

Have a look what the booklet for
YUV(83.1230, 23.6034, -10.6319)
contains.

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Color

**YUV(83.1230, 23.6034,
-10.6319)**

Conversions

Conversions Part 1

Format	Color
Hex	475083
RGB	71, 80, 131
RGB Percent	28%, 31%, 51%
CMY	0.7216, 0.6863, 0.4863
CMYK	0.46, 0.39, 0.00, 0.49
HSL	231°, 30%, 40%
HSV	231°, 46%, 51%
XYZ	9.5639, 8.7156, 22.6509
YIQ	83.1230, -21.7350, 13.9530

Conversions

Conversions Part 2

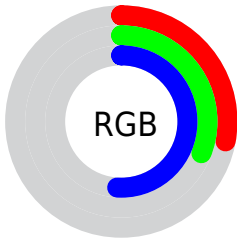
Format	Color
R_{YB}	71, 79, 131
Decimal	4673667
CIE Lab	35.43, 10.88, -29.83
CIE LCh	35, 31.752, 290.030
Yxy	8.7156, 0.2337, 0.2129
Android (android.graphics.Color)	4282863747 (0xFF475083)
YUV	83.1230, 23.6034, -10.6319
Hunter-Lab	29.5222, 6.1625, -24.8247

Details

The YUV color **83.1230, 23.6034, -10.6319** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.8770, -23.6034, 10.6319**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1770, 25.0557, -9.8022**, and **36.0470, 22.1618, -14.9502** is the 20% darker color. If you saturate the color by 10%, you get **72.7790, 28.7030, -12.9612**, and if you desaturate by 10%, it is **93.4670, 18.5038, -8.3026**.

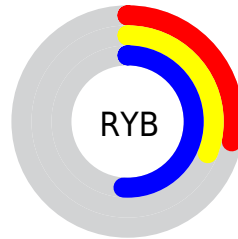
Distribution



Red (28%)

Green (31%)

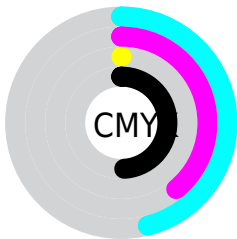
Blue (51%)



Red (28%)

Yellow (31%)

Blue (51%)

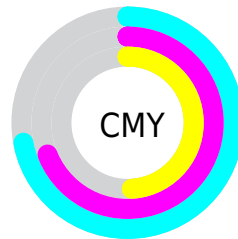


Cyan (46%)

Magenta (39%)

Yellow (0%)

Black (49%)



Cyan (72%)

Magenta (69%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1230, 23.6034, -10.6319 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 83.1230, 23.6034, -10.6319 by changing the saturation by 10% instead.

■ 83.1230, 23.6034,
-10.6319

■ 83.1230, 23.6034,
-10.6319

■ 255.0000, 0.0000,
0.0000

■ 59.2970, 23.0246,
-11.6615

■ 133.1770, 25.0557,
-9.8022

■ 36.0470, 22.1618,
-14.9502

■ 159.7040, 25.7819,
-9.3874

■ 15.4170, 20.9934,
-13.5207

■ 186.9320, 26.6555,
-9.5874

■ 5.2780, 15.1459,
-4.6288

■ 212.7490, 20.8297,
-7.6729

■ 1.2540, 4.8048,
-1.0998

■ 238.4430, 8.1626,
-4.7735

■ 0.0000, 0.0000,
0.0000

■ 83.1230, 23.6034,
-10.6319

■ 83.1230, 23.6034,
-10.6319

■ 72.7790, 28.7030,
-12.9612

■ 93.4670, 18.5038,
-8.3026

■ 62.4350, 33.8025,
-15.2905

■ 103.8110, 13.4042,
-5.9732

■ 52.0910, 38.9021,
-17.6198

■ 114.1550, 8.3046,
-3.6439

■ 41.1600, 44.2911,
-19.4343

■ 125.0860, 2.9156,
-1.8294

■ 30.8160, 49.3907,
-21.7636

■ 135.7290, -2.3314,
1.1147

■ 26.6740, 51.4327,
-23.3931

■ 146.0730, -7.4310,
3.4440

■ 156.4170,
-12.5306, 5.7733

■ 166.7610,

-17.6302, 8.1026

■ 177.1050,
-22.7298, 10.4319

Harmonies

Analogous

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



67.4050, 32.3383, -59.1142



83.1230, 23.6034, -10.6319



86.0080, 14.7861, 17.5330

Triad

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



83.1230, 23.6034, -10.6319



82.9970, -18.7325, 35.0826



64.7880, 4.5415, -56.8191

Complementary

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



83.1230, 23.6034, -10.6319



118.8770, -23.6034, 10.6319

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.



75.7250, -13.1754, -20.8068



83.1230, 23.6034, -10.6319



81.4160, -24.3621, 20.6832

Square

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



83.1230, 23.6034, -10.6319



83.2010, -7.9871, 41.9197



79.0500, -22.7026, 1.7102



67.7520, 15.8983, -59.4185

Rectangle

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



83.1230, 23.6034, -10.6319



85.2610, 7.7593, 31.3431



79.0500, -22.7026, 1.7102



69.7530, -2.3432, -41.8794

Sweetspot

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



83.1230, 23.6034, -10.6319



152.0840, 9.3256, -4.4587



112.0340, 4.9132, -35.9868



74.8840, 5.9732, -2.5293



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



83.1230, 23.6034, -10.6319



95.9340, 37.0075, -16.6051



84.1190, 23.1123, 6.9116



61.2710, 2.3314, -1.1147



26.5600, 50.9959, -23.2931



0.3420, 1.3104, -0.2999

Inverse Universe

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



89.9660, -4.9132, 35.9868



106.7020, -7.7411, 56.3893



117.8810, -23.1123, -6.9116



61.9080, -0.4476, 3.5887



41.1500, -10.4269, 77.9214



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 83.1230, 23.6034, -10.6319 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 83.1230, 23.6034, -10.6319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

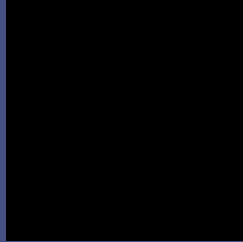
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1230, 23.6034, -10.6319

Background



This preview shows how black text looks on a background with the YUV color 83.1230, 23.6034, -10.6319.



This preview shows how white text looks on a background with the YUV color 83.1230, 23.6034,

-10.6319.

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

83.1230, 23.6034, -10.6319

Protanopia

82.3180, 24.4932, -16.0649

Deuteranopia

80.8830, 24.2147, -20.0684



Tritanopia

80.7250, 7.0376, -17.2988

Trichromacy



Original Color

83.1230, 23.6034, -10.6319

Protanomaly

82.6280, 24.3404, -13.7058

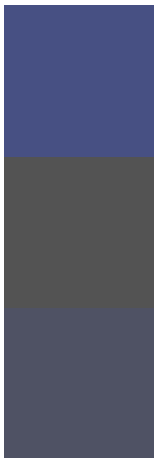
Deuteranomaly

81.7910, 23.7670, -16.4797

Tritanomaly

81.6420, 12.9945, -14.5950

Monochromacy



Original Color

83.1230, 23.6034, -10.6319

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1550, 8.3046, -3.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1230, 23.6034, -10.6319 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(71, 80, 131)` looks like.

```
.text, #text, p{  
    color:rgb(71, 80, 131)  
}
```

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(71, 80, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 80, 131) }
```

Border

The CSS property to change the border of an element to YUV 83.1230, 23.6034, -10.6319 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(71, 80, 131) }
```


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

```
.border{ border-color:rgb(71, 80, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 80, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 80, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 80, 131);  
box-shadow:4px 4px 4px 4px rgb(71, 80,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 83.1230, 23.6034, -10.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 80, 131) }
```

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

```
.background{ background-color: rgb(71, 80,  
131) }
```

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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