

Converting Colors

YUV(83.0310, 23.1557, -7.0432)

Have a look what the booklet for
YUV(83.0310, 23.1557, -7.0432)
contains.

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Color

**YUV(83.0310, 23.1557,
-7.0432)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4E82
RGB	75, 78, 130
RGB Percent	29%, 31%, 51%
CMY	0.7059, 0.6941, 0.4902
CMYK	0.42, 0.40, 0.00, 0.49
HSL	237°, 27%, 40%
HSV	237°, 42%, 51%
XYZ	9.6553, 8.5563, 22.2617
YIQ	83.0310, -18.4800, 15.5360

Conversions

Conversions Part 2

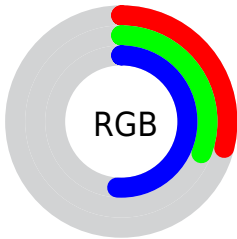
Format	Color
R_{YB}	75, 78, 130
Decimal	4935298
CIE _{Lab}	35.12, 12.97, -29.69
CIE _{LCh}	35, 32.403, 293.601
Yxy	8.5563, 0.2386, 0.2114
Android (android.graphics.Color)	4283125378 (0xFF4B4E82)
YUV	83.0310, 23.1557, -7.0432
Hunter-Lab	29.2512, 7.7300, -24.6470

Details

The YUV color **83.0310, 23.1557, -7.0432** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **121.9690, -23.1557, 7.0432**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0850, 24.6081, -6.2135**, and **36.5530, 21.4194, -10.1320** is the 20% darker color. If you saturate the color by 10%, you get **72.1000, 28.5447, -8.8577**, and if you desaturate by 10%, it is **93.9620, 17.7667, -5.2287**.

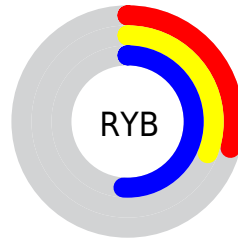
Distribution



Red (29%)

Green (31%)

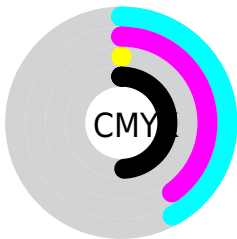
Blue (51%)



Red (29%)

Yellow (31%)

Blue (51%)

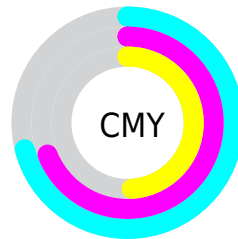


Cyan (42%)

Magenta (40%)

Yellow (0%)

Black (49%)



Cyan (71%)

Magenta (69%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0310, 23.1557, -7.0432 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 83.0310, 23.1557, -7.0432 by changing the saturation by 10% instead.

■ 83.0310, 23.1557,
-7.0432

■ 83.0310, 23.1557,
-7.0432

■ 255.0000, 0.0000,
0.0000

■ 59.2050, 22.5769,
-8.0728

■ 133.0850, 24.6081,
-6.2135

■ 36.5530, 21.4194,
-10.1320

■ 159.6120, 25.3343,
-5.7987

■ 14.1290, 21.1354,
-12.3911

■ 186.7260, 25.7711,
-5.8987

■ 5.1640, 14.7091,
-4.5288

■ 212.7710, 20.8189,
-4.1842

■ 1.1400, 4.3680,
-0.9998

■ 237.8780, 8.4411,
-0.7700

■ 0.0000, 0.0000,
0.0000

■ 83.0310, 23.1557,
-7.0432

■ 83.0310, 23.1557,
-7.0432

■ 72.1000, 28.5447,
-8.8577

■ 93.9620, 17.7667,
-5.2287

■ 60.5820, 34.2231,
-10.1574

■ 105.4800, 12.0884,
-3.9290

■ 49.6510, 39.6121,
-11.9719

■ 116.4110, 6.6994,
-2.1144

■ 38.7200, 45.0010,
-13.7864

■ 127.3420, 1.3104,
-0.2999

■ 27.7890, 50.3900,
-15.6010

■ 138.2730, -4.0786,
1.5146


■ 18.9290, 54.7580,
-16.6007

■ 149.7910, -9.7570,
2.8143

■ 160.7220,
-15.1459, 4.6288

■ 171.6530,

-20.5349, 6.4433

 183.1710,
-26.2133, 7.7430

Harmonies

Analogous

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



67.2420, 32.9117, -56.3402



83.0310, 23.1557, -7.0432



85.5030, 14.0490, 20.6069

Triad

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



83.0310, 23.1557, -7.0432



82.0570, -19.7481, 34.1530



64.4290, 5.7045, -56.5042

Complementary

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



83.0310, 23.1557, -7.0432



121.9690, -23.1557, 7.0432

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.



74.1590, -11.4174, -24.6954



83.0310, 23.1557, -7.0432



80.1770, -25.2303, 19.1388

Square

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



83.0310, 23.1557, -7.0432



82.4460, -9.5869, 41.7049



77.8540, -22.1130, -0.7490



67.3930, 17.0613, -59.1037

Rectangle

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



83.0310, 23.1557, -7.0432



84.3430, 6.7329, 33.9022



77.8540, -22.1130, -0.7490



65.4960, 0.7415, -51.3010

Sweetspot

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



83.0310, 23.1557, -7.0432



149.6820, 9.0308, -3.2291



113.0990, 6.3602, -33.4128



72.4820, 5.6784, -1.2997



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



83.0310, 23.1557, -7.0432



94.7390, 36.1177, -11.1721



88.4460, 20.4861, 9.2559



58.3850, 2.7682, -1.2146



18.7010, 53.8844, -16.4008



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.7870, -6.7970, 33.5128



108.2840, -10.4930, 52.3709



116.5540, -20.4861, -9.2559



59.2070, -0.5951, 4.2035



39.0700, -15.8105, 77.9916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 83.0310, 23.1557, -7.0432 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 83.0310, 23.1557, -7.0432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

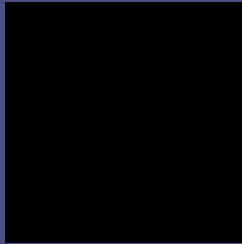
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.0310, 23.1557, -7.0432

Background



This preview shows how black text looks on a background with the YUV color 83.0310, 23.1557, -7.0432.



This preview shows how white text looks on a background with the YUV color 83.0310, 23.1557,

-7.0432.

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

83.0310, 23.1557, -7.0432

Protanopia

81.5460, 25.3668, -16.2648

Deuteranopia

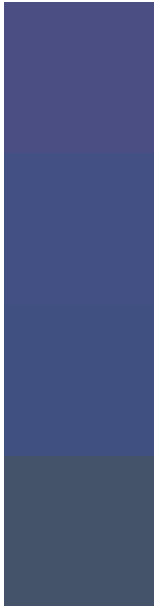
80.1820, 24.0673, -19.4536



Tritanopia

80.5190, 6.1531, -13.6102

Trichromacy



Original Color

83.0310, 23.1557, -7.0432

Protanomaly

82.0410, 24.6298, -13.1910

Deuteranomaly

81.3890, 23.4722, -15.2502

Tritanomaly

81.4360, 12.1101, -10.9064

Monochromacy



Original Color

83.0310, 23.1557, -7.0432

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8670, 8.4466, -2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0310, 23.1557, -7.0432 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(75, 78, 130)` looks like.

```
.text, #text, p{  
    color:rgb(75, 78, 130)  
}
```

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(75, 78, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 78, 130) }
```

Border

The CSS property to change the border of an element to YUV 83.0310, 23.1557, -7.0432 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(75, 78, 130) }
```


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

```
.border{ border-color:rgb(75, 78, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 78, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 78, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 78, 130);  
box-shadow:4px 4px 4px 4px rgb(75, 78,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 83.0310, 23.1557, -7.0432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 78, 130) }
```

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

```
.background{ background-color: rgb(75, 78,  
130) }
```

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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