

Converting Colors

YUV(83.6000, 23.3682,
-28.5902)

Have a look what the booklet for
YUV(83.6000, 23.3682, -28.5902)
contains.

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Color

**YUV(83.6000, 23.3682,
-28.5902)**

Conversions

Conversions Part 1

Format	Color
Hex	335B83
RGB	51, 91, 131
RGB Percent	20%, 36%, 51%
CMY	0.8000, 0.6431, 0.4863
CMYK	0.61, 0.31, 0.00, 0.49
HSL	210°, 44%, 36%
HSV	210°, 61%, 51%
XYZ	9.2031, 9.8247, 22.8840
YIQ	83.6000, -36.6800, 3.9600

Conversions

Conversions Part 2

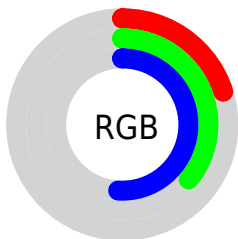
Format	Color
RYB	51, 78, 131
Decimal	3365763
CIELab	37.53, -1.12, -26.62
CIELCh	38, 26.648, 267.597
Yxy	9.8247, 0.2196, 0.2344
Android (android.graphics.Color)	4281555843 (0xFF335B83)
YUV	83.6000, 23.3682, -28.5902
Hunter-Lab	31.3443, -2.4429, -21.3457

Details

The YUV color **83.6000, 23.3682, -28.5902** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **98.4000, -23.3682, 28.5902**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8390, 24.2364, -27.0458**, and **36.2360, 22.0687, -31.7790** is the 20% darker color. If you saturate the color by 10%, you get **75.6040, 27.3102, -32.9787**, and if you desaturate by 10%, it is **91.5960, 19.4262, -24.2017**.

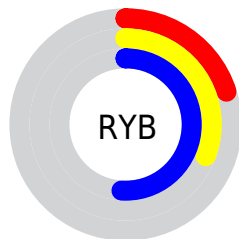
Distribution



Red (20%)

Green (36%)

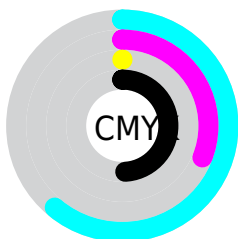
Blue (51%)



Red (20%)

Yellow (31%)

Blue (51%)

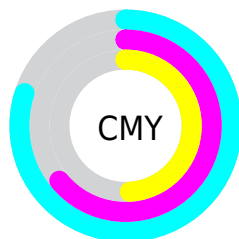


Cyan (61%)

Magenta (31%)

Yellow (0%)

Black (49%)



Cyan (80%)

Magenta (64%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6000, 23.3682, -28.5902 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 83.6000, 23.3682, -28.5902 by changing the saturation by 10% instead.

■ 83.6000, 23.3682,
-28.5902

■ 83.6000, 23.3682,
-28.5902

■ 255.0000, 0.0000,
0.0000

■ 58.2790, 23.5265,
-32.6937

■ 134.8390, 24.2364,
-27.0458

■ 36.2360, 22.0687,
-31.7790

■ 161.3660, 24.9626,
-26.6310

■ 21.2870, 18.0995,
-18.6687

■ 188.7790, 25.2520,
-26.1162

■ 5.2780, 15.1459,
-4.6288

■ 215.2970, 19.5736,
-24.8165

■ 1.3680, 5.2416,
-1.1997

■ 240.6920, 7.0538,
-22.5319

■ 0.0000, 0.0000,
0.0000

■ 251.7110, 1.6215,

-6.7625

■ 83.6000, 23.3682,
-28.5902

■ 83.6000, 23.3682,
-28.5902

■ 75.6040, 27.3102,
-32.9787

■ 91.5960, 19.4262,
-24.2017

■ 68.1950, 30.9629,
-37.8820

■ 99.0050, 15.7735,
-19.2984

■ 60.1990, 34.9049,
-42.2705

■ 107.0010, 11.8315,
-14.9099

■ 53.6760, 38.1207,
-47.0739

■ 114.4100, 8.1789,
-10.0066

■ 122.7050, 4.0894,
-5.0033

■ 130.1140, 0.4368,
-0.1000

■ 138.1100, -3.5052,
4.2885

■ 145.5190, -7.1579,
9.1918

■ 153.5150,
-11.0999, 13.5803

Harmonies

Analogous

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



70.4880, 26.3814, -61.8180



83.6000, 23.3682, -28.5902



89.3970, 18.0453, -1.2252

Triad

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



83.6000, 23.3682, -28.5902



89.4020, -9.5652, 34.7274



81.0930, -7.9338, -22.0066

Complementary

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



83.6000, 23.3682, -28.5902



98.4000, -23.3682, 28.5902

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.



84.6950, -17.5976, -2.3635



83.6000, 23.3682, -28.5902



88.2950, -17.4004, 27.8053

Square

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



83.6000, 23.3682, -28.5902



90.0240, 0.4812, 32.4280



86.4090, -20.4146, 14.5503



73.8970, 5.9668, -47.2677

Rectangle

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



83.6000, 23.3682, -28.5902



90.8180, 12.9077, 13.3146



86.4090, -20.4146, 14.5503



82.3990, -12.0287, -15.2589

Sweetspot

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



83.6000, 23.3682, -28.5902



152.3390, 9.1999, -10.8213



102.5200, -5.6794, -45.1830



75.4490, 5.6946, -6.5328



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.



83.6000, 23.3682, -28.5902



96.6440, 36.6575, -44.4148



60.1200, 34.9438, -7.9982



62.4450, 1.7526, -2.1443



52.9750, 37.9733, -46.4591



0.9290, 1.0210, -0.8147

Inverse Universe

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



79.4800, 5.6794, 45.1830



90.4430, 8.6556, 70.6485



121.8800, -34.9438, 7.9982



62.1360, 0.4260, 3.3887



46.2800, 9.2290, 73.4224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 83.6000, 23.3682, -28.5902 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 83.6000, 23.3682, -28.5902 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

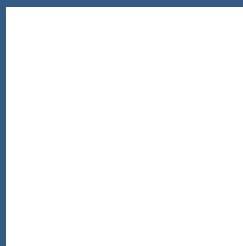
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.6000, 23.3682, -28.5902

Background



This preview shows how black text looks on a background with the YUV color 83.6000, 23.3682, -28.5902.

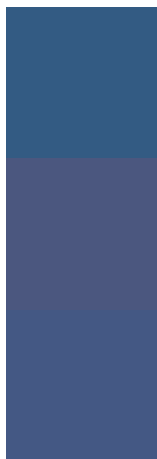


This preview shows how white text looks on a background with the YUV color 83.6000, 23.3682, -28.5902.

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

83.6000, 23.3682, -28.5902

Protanopia

87.9720, 19.2408, -11.3764

Deuteranopia

87.0360, 22.1673, -16.6946



Tritanopia

79.5700, 12.0440, -36.4569

Trichromacy



Original Color

83.6000, 23.3682, -28.5902

Protanomaly

85.9820, 20.7149, -17.5242

Deuteranomaly

85.8290, 22.7623, -20.8980

Tritanomaly

81.0310, 16.2537, -33.3532

Monochromacy



Original Color

83.6000, 23.3682, -28.5902

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1110, 8.3263, -10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6000, 23.3682, -28.5902 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(51, 91, 131)` looks like.

```
.text, #text, p{  
    color:rgb(51, 91, 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(51, 91, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 91, 131) }
```

Border

The CSS property to change the border of an element to YUV 83.6000, 23.3682, -28.5902 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(51, 91, 131) }
```


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

```
.border{ border-color:rgb(51, 91, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 91, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 91, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 91, 131);  
box-shadow:4px 4px 4px 4px rgb(51, 91,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 83.6000, 23.3682, -28.5902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 91, 131) }
```

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

```
.background{ background-color: rgb(51, 91,  
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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