

Converting Colors

YUV(85.5450, 23.3953,
-37.3120)

Have a look what the booklet for
YUV(85.5450, 23.3953, -37.3120)
contains.

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Color

**YUV(85.5450, 23.3953,
-37.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	2B6285
RGB	43, 98, 133
RGB Percent	17%, 38%, 52%
CMY	0.8314, 0.6157, 0.4784
CMYK	0.68, 0.26, 0.00, 0.48
HSL	203°, 51%, 35%
HSV	203°, 68%, 52%
XYZ	9.5976, 10.9424, 23.7966
YIQ	85.5450, -44.0150, -0.7750

Conversions

Conversions Part 2

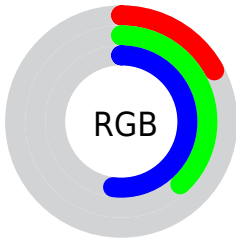
Format	Color
R_{YB}	43, 77, 133
Decimal	2843269
CIE Lab	39.48, -6.32, -24.81
CIE LCh	39, 25.602, 255.710
Yxy	10.9424, 0.2165, 0.2468
Android (android.graphics.Color)	4281033349 (0xFF2B6285)
YUV	85.5450, 23.3953, -37.3120
Hunter-Lab	33.0793, -6.0991, -19.4964

Details

The YUV color **85.5450, 23.3953, -37.3120** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **90.4550, -23.3953, 37.3120**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2680, 23.5319, -34.4380**, and **39.9860, 21.2059, -35.0677** is the 20% darker color. If you saturate the color by 10%, you get **78.7230, 26.7586, -42.7301**, and if you desaturate by 10%, it is **92.3670, 20.0321, -31.8939**.

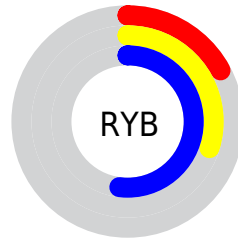
Distribution



Red (17%)

Green (38%)

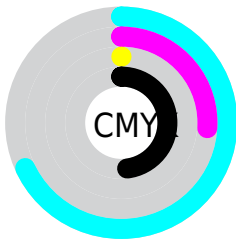
Blue (52%)



Red (17%)

Yellow (30%)

Blue (52%)

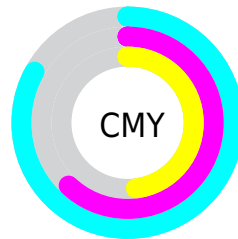


Cyan (68%)

Magenta (26%)

Yellow (0%)

Black (48%)



Cyan (83%)

Magenta (62%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5450, 23.3953, -37.3120 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 85.5450, 23.3953, -37.3120 by changing the saturation by 10% instead.

■ 85.5450, 23.3953,
-37.3120

■ 85.5450, 23.3953,
-37.3120

■ 255.0000, 0.0000,
0.0000

■ 56.6470, 25.3170,
-47.0484

■ 138.2680, 23.5319,
-34.4380

■ 39.9860, 21.2059,
-35.0677

■ 164.7950, 24.2581,
-34.0232

■ 25.0370, 17.2368,
-21.9574

■ 192.9090, 24.6949,
-34.1232

■ 6.0930, 15.7302,
-5.3436

■ 219.0850, 17.7061,
-32.5235

■ 2.2970, 6.2626,
-2.0145

■ 241.5450, 6.6333,
-27.6650

■ 0.0000, 0.0000,
0.0000

■ 250.2160, 2.3585,

-9.8364

■ 85.5450, 23.3953,
-37.3120

■ 85.5450, 23.3953,
-37.3120

■ 78.7230, 26.7586,
-42.7301

■ 92.3670, 20.0321,
-31.8939

■ 71.6020, 30.2692,
-48.7630

■ 99.4880, 16.5214,
-25.8610

■ 64.1930, 33.9219,
-53.6663

■ 106.8970, 12.8688,
-20.9577

■ 62.7090, 34.6535,
-54.9958

■ 113.7190, 9.5055,
-15.5396

■ 120.8400, 5.9949,
-9.5067

■ 127.6620, 2.6316,
-4.0886

■ 134.4840, -0.7316,
1.3295

■ 141.3060, -4.0949,
6.7476

■ 149.0140, -7.8949,
12.2657

Harmonies

Analogous

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



73.7820, 23.7715, -64.7068



85.5450, 23.3953, -37.3120



92.4990, 19.9670, -10.9616

Triad

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



85.5450, 23.3953, -37.3120



94.7270, -5.7814, 34.4424



87.4100, -12.0341, -13.5146

Complementary

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



85.5450, 23.3953, -37.3120



90.4550, -23.3953, 37.3120

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.



90.3970, -18.9297, 4.9138



85.5450, 23.3953, -37.3120



93.4140, -14.5011, 31.2089

Square

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



85.5450, 23.3953, -37.3120



95.6150, 4.1338, 27.5246



92.0830, -19.2679, 20.0982



83.2640, -0.6232, -33.5575

Rectangle

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



85.5450, 23.3953, -37.3120



95.1590, 15.6976, 5.1226



92.0830, -19.2679, 20.0982



88.6450, -15.1080, -7.5817

Sweetspot

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



85.5450, 23.3953, -37.3120



155.2030, 8.7739, -14.2100



99.8200, -10.7573, -49.8311



76.0250, 5.4107, -8.7919



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.



85.5450, 23.3953, -37.3120



99.4420, 36.2641, -58.2696



59.1300, 36.4179, -14.1460



63.0320, 1.4632, -2.6591



61.1930, 33.9219, -53.6663



1.5160, 0.7316, -1.3295

Inverse Universe

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



76.1800, 10.7573, 49.8311



84.6640, 16.9276, 77.4707



116.8700, -36.4179, 14.1460



62.2500, 0.8628, 3.2888



47.8760, 15.3441, 72.0227



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 85.5450, 23.3953, -37.3120 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 85.5450, 23.3953, -37.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

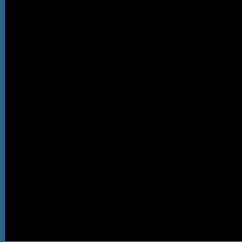
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.5450, 23.3953, -37.3120

Background



This preview shows how black text looks on a background with the YUV color 85.5450, 23.3953, -37.3120.



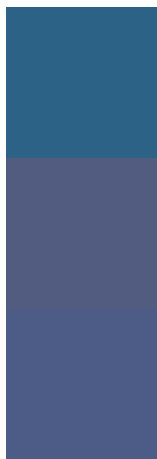
This preview shows how white text looks on a background with the YUV color 85.5450, 23.3953,

-37.3120.

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

85.5450, 23.3953, -37.3120

Protanopia

92.5270, 17.4882, -9.2322

Deuteranopia

92.0040, 20.7040, -14.0355



Tritanopia

81.0850, 14.2551, -45.6785

Trichromacy



Original Color

85.5450, 23.3953, -37.3120

Protanomaly

90.3300, 19.5573, -19.5834

Deuteranomaly

89.5900, 21.8941, -22.4424

Tritanomaly

82.9050, 17.3018, -42.8897

Monochromacy



Original Color

85.5450, 23.3953, -37.3120

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.5020, 8.6265, -13.5953

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5450, 23.3953, -37.3120 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(43, 98, 133)` looks like.

```
.text, #text, p{  
    color:rgb(43, 98, 133)  
}
```

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(43, 98, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 98, 133) }
```

Border

The CSS property to change the border of an element to YUV 85.5450, 23.3953, -37.3120 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(43, 98, 133) }
```


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

```
.border{ border-color:rgb(43, 98, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 98, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 98, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 98, 133);  
box-shadow:4px 4px 4px 4px rgb(43, 98,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 85.5450, 23.3953, -37.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 98, 133) }
```

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

```
.background{ background-color: rgb(43, 98,  
133) }
```

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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