

Converting Colors

YUV(83.5890, 10.0626, -7.5326)

Have a look what the booklet for
YUV(83.5890, 10.0626, -7.5326)
contains.

YUV(83.5890, 10.0626, -7.5326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(83.5890, 10.0626,
-7.5326)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5468
RGB	75, 84, 104
RGB Percent	29%, 33%, 41%
CMY	0.7059, 0.6706, 0.5922
CMYK	0.28, 0.19, 0.00, 0.59
HSL	221°, 16%, 35%
HSV	221°, 28%, 41%
XYZ	8.5707, 8.8360, 14.3505
YIQ	83.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

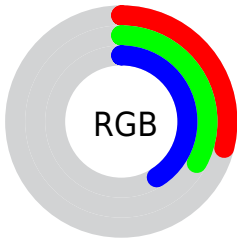
Format	Color
R_{YB}	75, 82, 104
Decimal	4936808
CIE Lab	35.67, 1.51, -12.70
CIE LCh	36, 12.790, 276.793
Yxy	8.8360, 0.2699, 0.2782
Android (android.graphics.Color)	4283126888 (0xFF4B5468)
YUV	83.5890, 10.0626, -7.5326
Hunter-Lab	29.7254, -0.5528, -7.8156

Details

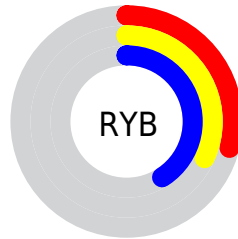
The YUV color **83.5890, 10.0626, -7.5326** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **95.4110, -10.0626, 7.5326**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.8170, 10.9362, -7.7325**, and **38.3610, 9.1890, -7.3326** is the 20% darker color. If you saturate the color by 10%, you get **76.4900, 13.5624, -10.0767**, and if you desaturate by 10%, it is **90.6880, 6.5628, -4.9884**.

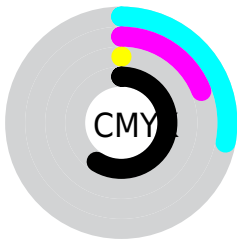
Distribution



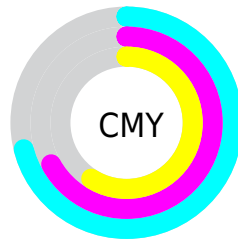
- Red (29%)
- Green (33%)
- Blue (41%)



- Red (29%)
- Yellow (32%)
- Blue (41%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)
- Black (59%)



- Cyan (71%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5890, 10.0626, -7.5326 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 83.5890, 10.0626, -7.5326 by changing the saturation by 10% instead.

■ 83.5890, 10.0626,
-7.5326

■ 83.5890, 10.0626,
-7.5326

■ 255.0000, 0.0000,
0.0000

■ 60.4750, 9.6258,
-7.4326

■ 132.8170, 10.9362,
-7.7325

■ 38.3610, 9.1890,
-7.3326

■ 159.5180, 11.0836,
-8.3473

■ 17.5350, 8.6102,
-8.3622

■ 186.6320, 11.5204,
-8.4473

■ 1.4820, 5.6784,
-1.2997

■ 214.0450, 11.8098,
-7.9325

■ 0.0000, 0.0000,
0.0000

■ 241.3780, 6.7156,
-7.3475

■ 83.5890, 10.0626,
-7.5326

■ 83.5890, 10.0626,
-7.5326

■ 76.4900, 13.5624,
-10.0767

■ 90.6880, 6.5628,
-4.9884

■ 69.0920, 17.2096,
-13.2357

■ 98.0860, 2.9156,
-1.8294

■ 61.4060, 20.9988,
-15.2651

■ 105.7720, -0.8736,
0.2000

■ 54.0080, 24.6461,
-18.4240

■ 113.1700, -4.5208,
3.3589

■ 46.9090, 28.1459,
-20.9682

■ 120.2690, -8.0206,
5.9031

■ 39.8100, 31.6457,
-23.5124

■ 127.3680,
-11.5204, 8.4473

■ 32.4120, 35.2929,
-26.6713

■ 134.7660,
-15.1676, 11.6062

■ 30.6400, 36.1665,

■ 141.8650,

-26.8713

-18.6674, 14.1504

■ 149.8500,
-22.6040, 16.7946

Harmonies

Analogous

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



81.2350, 10.2371, -16.8691



83.5890, 10.0626, -7.5326



84.9710, 7.4093, 3.5334

Triad

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



83.5890, 10.0626, -7.5326



85.0900, -6.4534, 16.5841



80.6410, -2.2880, -12.8402

Complementary

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



83.5890, 10.0626, -7.5326



95.4110, -10.0626, 7.5326

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.



82.0290, -7.4093, -3.5334



83.5890, 10.0626, -7.5326



84.5580, -9.6421, 12.6656

Square

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



83.5890, 10.0626, -7.5326



85.9420, -1.9434, 16.7139



83.2150, -9.4730, 5.0734



79.9760, 2.9698, -19.2730

Rectangle

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



83.5890, 10.0626, -7.5326



85.3200, 4.7722, 9.3664



83.2150, -9.4730, 5.0734



80.7940, -4.3354, -9.4663

Sweetspot

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



83.5890, 10.0626, -7.5326



127.6020, 3.6472, -3.1590



94.3030, 0.3436, -16.9287



63.9720, 2.4788, -1.7294



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



83.5890, 10.0626, -7.5326



103.6470, 15.4570, -11.0914



79.8010, 11.9301, 0.1745



47.1570, 1.8946, -1.0147



34.2420, 39.8137, -30.0302



71.6130, 84.0008, -62.8046

Inverse Universe

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



84.6970, -0.3436, 16.9287



105.6380, -0.8075, 25.7505



99.1990, -11.9301, -0.1745



47.6090, -0.3002, 2.9739



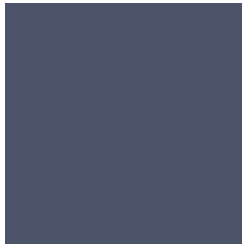
38.4890, -1.2271, 67.1001



80.9080, -2.9126, 141.2777

Previews

White Background



This preview shows how the YUV color 83.5890, 10.0626, -7.5326 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 83.5890, 10.0626, -7.5326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

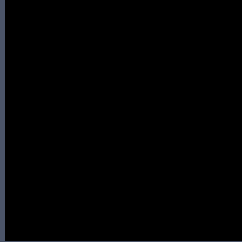
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

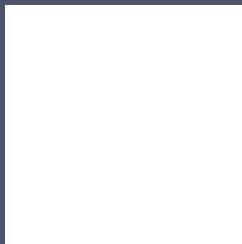
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.5890, 10.0626, -7.5326

Background



This preview shows how black text looks on a background with the YUV color 83.5890, 10.0626, -7.5326.



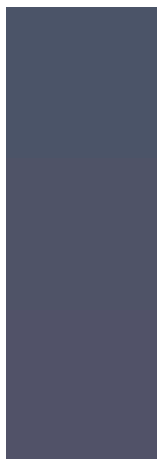
This preview shows how white text looks on a background with the YUV color 83.5890, 10.0626, -7.5326.

-7.5326.

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

83.5890, 10.0626, -7.5326

Protanopia

84.0840, 9.3256, -4.4587

Deuteranopia

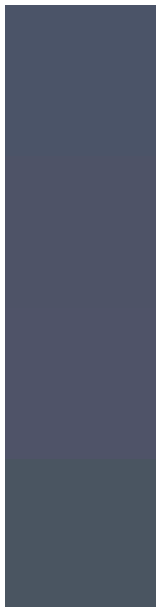
84.2090, 9.7570, -2.8143



Tritanopia

82.9110, 4.9739, -8.6919

Trichromacy



Original Color

83.5890, 10.0626, -7.5326

Protanomaly

83.7850, 9.4730, -5.0734

Deuteranomaly

84.1980, 9.7624, -4.5586

Tritanomaly

83.0790, 6.8631, -7.9623

Monochromacy



Original Color

83.5890, 10.0626, -7.5326

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5890, 10.0626, -7.5326 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, 84, 104)` looks like.

```
.text, #text, p{  
    color:rgb(75, 84, 104)  
}
```

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, 84, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 84, 104) }
```

Border

The CSS property to change the border of an element to YUV 83.5890, 10.0626, -7.5326 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, 84, 104) }
```


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

```
.border{ border-color:rgb(75, 84, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 84, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 84, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 84, 104);  
box-shadow:4px 4px 4px 4px rgb(75, 84,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 83.5890, 10.0626, -7.5326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 84, 104) }
```

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

```
.background{ background-color: rgb(75, 84,  
104) }
```

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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