

Converting Colors

YUV(88.9310, 11.3730, -7.8325)

Have a look what the booklet for
YUV(88.9310, 11.3730, -7.8325)
contains.

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Color

**YUV(88.9310, 11.3730,
-7.8325)**

Conversions

Conversions Part 1

Format	Color
Hex	505970
RGB	80, 89, 112
RGB Percent	31%, 35%, 44%
CMY	0.6863, 0.6510, 0.5608
CMYK	0.29, 0.21, 0.00, 0.56
HSL	223°, 17%, 38%
HSV	223°, 29%, 44%
XYZ	9.8053, 10.0201, 16.7465
YIQ	88.9310, -12.7470, 5.2450

Conversions

Conversions Part 2

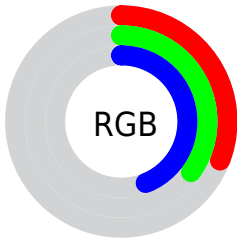
Format	Color
R_{YB}	80, 87, 112
Decimal	5265776
CIE Lab	37.88, 2.27, -14.26
CIE LCh	38, 14.441, 279.027
Yxy	10.0201, 0.2681, 0.2740
Android (android.graphics.Color)	4283455856 (0xFF505970)
YUV	88.9310, 11.3730, -7.8325
Hunter-Lab	31.6545, -0.1034, -9.2086

Details

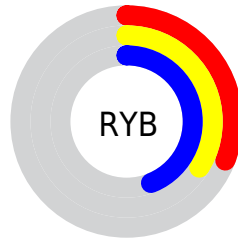
The YUV color **88.9310, 11.3730, -7.8325** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103.0690, -11.3730, 7.8325**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1590, 12.2466, -8.0324**, and **43.2900, 10.2100, -8.1473** is the 20% darker color. If you saturate the color by 10%, you get **80.9460, 15.3096, -10.4766**, and if you desaturate by 10%, it is **96.9160, 7.4364, -5.1883**.

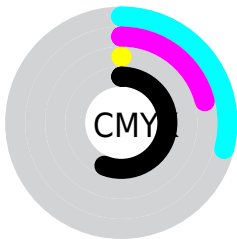
Distribution



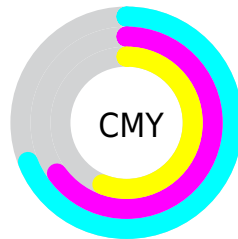
- Red (31%)
- Green (35%)
- Blue (44%)



- Red (31%)
- Yellow (34%)
- Blue (44%)



- Cyan (29%)
- Magenta (21%)
- Yellow (0%)
- Black (56%)



- Cyan (69%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9310, 11.3730, -7.8325 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 88.9310, 11.3730, -7.8325 by changing the saturation by 10% instead.

■ 88.9310, 11.3730,
-7.8325

■ 88.9310, 11.3730,
-7.8325

■ 255.0000, 0.0000,
0.0000

■ 65.8170, 10.9362,
-7.7325

■ 139.1590, 12.2466,
-8.0324

■ 43.2900, 10.2100,
-8.1473

■ 165.2730, 12.6834,
-8.1324

■ 21.8770, 9.9206,
-8.6621

■ 192.3870, 13.1202,
-8.2324

■ 3.0950, 9.3202,
-2.7143

■ 220.3870, 13.1202,
-8.2324

■ 0.0000, 0.0000,
0.0000

■ 246.6940, 4.0949,
-6.7476

■ 88.9310, 11.3730,
-7.8325

■ 88.9310, 11.3730,
-7.8325

■ 80.9460, 15.3096,
-10.4766

■ 96.9160, 7.4364,
-5.1883

■ 72.9610, 19.2462,
-13.1208

■ 104.9010, 3.4998,
-2.5442

■ 64.6770, 23.3302,
-16.3797

■ 113.1850, -0.5842,
0.7148

■ 56.6920, 27.2668,
-19.0239

■ 121.1700, -4.5208,
3.3589

■ 48.7070, 31.2034,
-21.6680

■ 129.1550, -8.4574,
6.0031

■ 40.7220, 35.1401,
-24.3122

■ 137.1400,
-12.3940, 8.6472

■ 32.7370, 39.0767,
-26.9563

■ 145.1250,
-16.3306, 11.2914

■ 31.5520, 39.6609,

■ 153.4090,

-27.6711

-20.4146, 14.5503

■ 161.3940,
-24.3512, 17.1945

Harmonies

Analogous

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



86.6800, 11.9898, -19.0134



88.9310, 11.3730, -7.8325



90.7970, 7.9881, 4.5630

Triad

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



88.9310, 11.3730, -7.8325



90.1720, -7.4798, 19.1432



85.2170, -2.5720, -15.0993

Complementary

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



88.9310, 11.3730, -7.8325



103.0690, -11.3730, 7.8325

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.



86.9040, -7.8407, -5.1778



88.9310, 11.3730, -7.8325



89.6290, -10.6631, 13.4804

Square

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



88.9310, 11.3730, -7.8325



91.1380, -2.5330, 19.1730



88.4600, -11.0728, 4.8586



84.1820, 3.8543, -22.9616

Rectangle

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



88.9310, 11.3730, -7.8325



91.3310, 4.7668, 11.1107



88.4600, -11.0728, 4.8586



86.0710, -4.4720, -12.3403

Sweetspot

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



88.9310, 11.3730, -7.8325



135.8300, 4.5208, -3.3589



101.4060, 0.7858, -18.7731



68.0860, 2.9156, -1.8294



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



88.9310, 11.3730, -7.8325



109.8040, 17.3516, -12.1061



85.7410, 12.9457, 1.1041



51.8580, 2.0420, -1.6295



33.6380, 42.5765, -29.5005



69.2480, 87.6317, -60.7305

Inverse Universe

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



90.5940, -0.7858, 18.7731



112.2470, -1.1078, 28.7244



106.2590, -12.9457, -1.1041



52.0220, -0.0108, 3.4887



39.7560, -2.8377, 70.3740



81.8330, -5.8337, 144.8515

Previews

White Background



This preview shows how the YUV color 88.9310, 11.3730, -7.8325 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 88.9310, 11.3730, -7.8325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

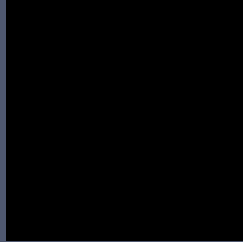
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

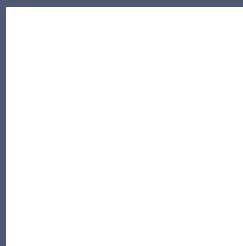
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 88.9310, 11.3730, -7.8325

Background



This preview shows how black text looks on a background with the YUV color 88.9310, 11.3730, -7.8325.



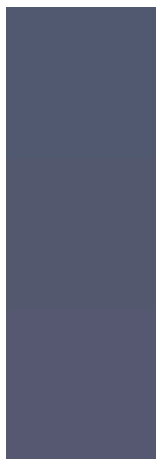
This preview shows how white text looks on a background with the YUV color 88.9310, 11.3730,

-7.8325.

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

88.9310, 11.3730, -7.8325

Protanopia

89.1270, 10.7834, -5.3734

Deuteranopia

89.5510, 11.0674, -3.1142



Tritanopia

87.7260, 5.5581, -9.4067

Trichromacy



Original Color

88.9310, 11.3730, -7.8325

Protanomaly

88.8280, 10.9308, -5.9882

Deuteranomaly

89.5400, 11.0728, -4.8586

Tritanomaly

88.0080, 7.8841, -8.7770

Monochromacy



Original Color

88.9310, 11.3730, -7.8325

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0150, 3.9366, -2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9310, 11.3730, -7.8325 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(80, 89, 112)` looks like.

```
.text, #text, p{  
    color:rgb(80, 89, 112)  
}
```

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(80, 89, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 89, 112) }
```

Border

The CSS property to change the border of an element to YUV 88.9310, 11.3730, -7.8325 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(80, 89, 112) }
```


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

```
.border{ border-color:rgb(80, 89, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 89, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 89, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 89, 112);  
box-shadow:4px 4px 4px 4px rgb(80, 89,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 88.9310, 11.3730, -7.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 89, 112) }
```

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

```
.background{ background-color: rgb(80, 89,  
112) }
```

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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