

Converting Colors

YUV(115.3730, 0.8021,
-24.0061)

Have a look what the booklet for
YUV(115.3730, 0.8021, -24.0061)
contains.

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Color

**YUV(115.3730, 0.8021,
-24.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	588175
RGB	88, 129, 117
RGB Percent	35%, 51%, 46%
CMY	0.6549, 0.4941, 0.5412
CMYK	0.32, 0.00, 0.09, 0.49
HSL	162°, 19%, 43%
HSV	162°, 32%, 51%
XYZ	15.0856, 19.0596, 19.7134
YIQ	115.3730, -20.5840, -12.4240

Conversions

Conversions Part 2

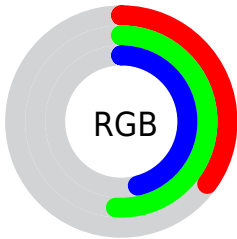
Format	Color
RYB	88, 112, 129
Decimal	5800309
CIELab	50.76, -17.03, 1.95
CIElCh	51, 17.142, 173.454
Yxy	19.0596, 0.2801, 0.3539
Android (android.graphics.Color)	4283990389 (0xFF588175)
YUV	115.3730, 0.8021, -24.0061
Hunter-Lab	43.6573, -14.7201, 3.7878

Details

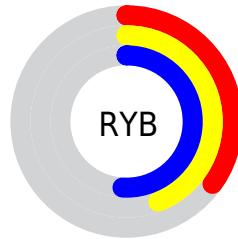
The YUV color **115.3730, 0.8021, -24.0061** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **101.6270, -0.8021, 24.0061**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6610, 0.6601, -25.1357**, and **66.7860, 1.0915, -23.4913** is the 20% darker color. If you saturate the color by 10%, you get **111.0300, 0.9712, -31.5983**, and if you desaturate by 10%, it is **119.7160, 0.6330, -16.4139**.

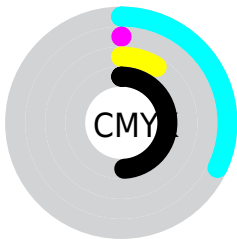
Distribution



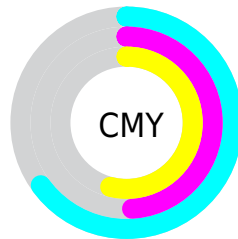
- Red (35%)
- Green (51%)
- Blue (46%)



- Red (35%)
- Yellow (44%)
- Blue (51%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (49%)



- Cyan (65%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3730, 0.8021, -24.0061 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 115.3730, 0.8021, -24.0061 by changing the saturation by 10% instead.

■ 115.3730, 0.8021,
-24.0061

■ 115.3730, 0.8021,
-24.0061

■ 255.0000, 0.0000,
0.0000

■ 90.6720, 0.6547,
-23.3913

■ 167.6610, 0.6601,
-25.1357

■ 66.7860, 1.0915,
-23.4913

■ 195.2480, 0.3707,
-25.6505

■ 43.0140, 1.9651,
-23.6913

■ 222.9490, 0.5181,
-26.2653

■ 23.5090, 1.2281,
-20.6174

■ 244.9050, 3.9908,
-20.0877

■ 2.9350, -1.4470,
-2.5740

■ 253.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 115.3730, 0.8021,
-24.0061

■ 115.3730, 0.8021,
-24.0061

■ 111.0300, 0.9712,
-31.5983

■ 119.7160, 0.6330,
-16.4139

■ 106.6870, 1.1403,
-39.1905

■ 124.0590, 0.4639,
-8.8217

■ 102.4580, 1.7462,
-46.8827

■ 128.2880, -0.1420,
-1.1296

■ 98.1150, 1.9153,
-54.4749

■ 132.6310, -0.3111,
6.4626

■ 94.0710, 1.9370,
-61.4523

■ 136.9740, -0.4802,
14.0548

■ 89.7280, 2.1061,
-69.0445

■ 141.0180, -0.5019,
21.0322

■ 86.0970, 2.4172,
-75.5071

■ 145.2470, -1.1078,
28.7244

■ 149.5900, -1.2769,

36.3166

■ 153.9330, -1.4460,
43.9088

Harmonies

Analogous

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



117.0880, -6.9454, -12.3552



115.3730, 0.8021, -24.0061



114.6910, 8.5333, -30.4240

Triad

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



115.3730, 0.8021, -24.0061



121.7190, 12.9565, -2.3846



121.7440, -11.7058, 21.2725

Complementary

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



115.3730, 0.8021, -24.0061



101.6270, -0.8021, 24.0061

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.



122.8460, -6.3331, 24.6911



115.3730, 0.8021, -24.0061



123.0260, 7.3822, 12.2552

Square

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



115.3730, 0.8021, -24.0061



118.9020, 15.3313, -17.4541



123.6590, 0.6611, 21.3471



120.7060, -14.1521, 12.5358

Rectangle

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



115.3730, 0.8021, -24.0061



115.3150, 12.1697, -30.0943



123.6590, 0.6611, 21.3471



122.3960, -10.5482, 23.3317

Sweetspot

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



115.3730, 0.8021, -24.0061



162.3470, 0.3219, -9.9513



115.6550, -13.6339, -13.7294



80.6680, 0.1637, -5.8478



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.



115.3730, 0.8021, -24.0061



146.8120, 1.5717, -37.5461



112.0450, 8.3588, -21.0875



61.6790, 0.1583, -4.1035



85.3960, 2.2698, -74.8923



0.0000, 0.0000, 0.0000

Inverse Universe

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



101.6270, -0.8021, 24.0061



125.3020, -1.1349, 37.4461



104.9550, -8.3588, 21.0875



59.3210, -0.1583, 4.1035



42.4900, -2.7066, 74.9923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 115.3730, 0.8021, -24.0061 looks on a white 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

Black Background



This preview shows how the YUV color 115.3730, 0.8021, -24.0061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

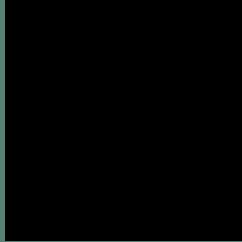
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.3730, 0.8021, -24.0061 Background



This preview shows how black text looks on a background with the YUV color 115.3730, 0.8021, -24.0061.



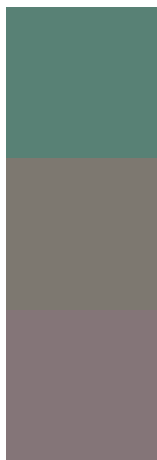
This preview shows how white text looks on a background with the YUV color 115.3730, 0.8021,

-24.0061.

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

115.3730, 0.8021, -24.0061

Protanopia

120.5830, -4.2314, 3.8737

Deuteranopia

121.8270, -0.9007, 8.9217



Tritanopia

116.9740, 9.3798, -21.9022

Trichromacy



Original Color

115.3730, 0.8021, -24.0061

Protanomaly

118.6850, -2.3097, -5.8627

Deuteranomaly

119.2770, -0.1366, -2.8739

Tritanomaly

116.4640, 6.1802, -22.3319

Monochromacy



Original Color

115.3730, 0.8021, -24.0061

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0590, 0.4639, -8.8217

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3730, 0.8021, -24.0061 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(88, 129, 117)` looks like.

```
.text, #text, p{  
    color:rgb(88, 129, 117)  
}
```

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(88, 129, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 129, 117) }
```

Border

The CSS property to change the border of an element to YUV 115.3730, 0.8021, -24.0061 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(88, 129, 117) }
```


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

```
.border{ border-color:rgb(88, 129, 117) }
```

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

Here you see how a box with a 4 pixel rgb(88, 129, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 129, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 129, 117);  
box-shadow:4px 4px 4px 4px rgb(88, 129,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 115.3730, 0.8021, -24.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 129, 117) }
```

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

```
.background{ background-color: rgb(88, 129,  
117) }
```

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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