

Converting Colors

YUV(86.3730, 0.8021, -24.0061)

Have a look what the booklet for
YUV(86.3730, 0.8021, -24.0061)
contains.

YUV(86.3730, 0.8021, -24.0061)	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(86.3730, 0.8021,
-24.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6458
RGB	59, 100, 88
RGB Percent	23%, 39%, 35%
CMY	0.7686, 0.6078, 0.6549
CMYK	0.41, 0.00, 0.12, 0.61
HSL	162°, 26%, 31%
HSV	162°, 41%, 39%
XYZ	8.1223, 10.7487, 10.8791
YIQ	86.3730, -20.5840, -12.4240

Conversions

Conversions Part 2

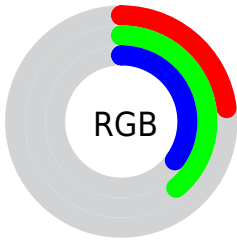
Format	Color
RYB	59, 83, 100
Decimal	3892312
CIELab	39.15, -17.50, 2.29
CIElCh	39, 17.648, 172.553
Yxy	10.7487, 0.2730, 0.3613
Android (android.graphics.Color)	4282082392 (0xFF3B6458)
YUV	86.3730, 0.8021, -24.0061
Hunter-Lab	32.7853, -13.1524, 3.2755

Details

The YUV color **86.3730, 0.8021, -24.0061** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.6270, -0.8021, 24.0061**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6610, 0.6601, -25.1357**, and **39.0030, 1.9705, -25.4356** is the 20% darker color. If you saturate the color by 10%, you get **83.0410, 0.9658, -29.8540**, and if you desaturate by 10%, it is **89.7050, 0.6384, -18.1583**.

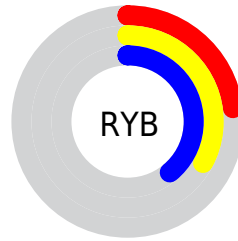
Distribution



Red (23%)

Green (39%)

Blue (35%)



Red (23%)

Yellow (33%)

Blue (39%)

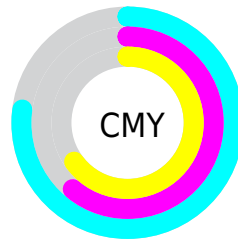


Cyan (41%)

Magenta (0%)

Yellow (12%)

Black (61%)



Cyan (77%)

Magenta (61%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.3730, 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 86.3730, 0.8021, -24.0061 by changing the saturation by 10% instead.

86.3730, 0.8021,
-24.0061

86.3730, 0.8021,
-24.0061

255.0000, 0.0000,
0.0000

62.4870, 1.2389,
-24.1061

136.6610, 0.6601,
-25.1357

39.0030, 1.9705,
-25.4356

163.2480, 0.3707,
-25.6505

21.2920, 0.3490,
-18.6731

190.2480, 0.3707,
-25.6505

0.0000, 0.0000,
0.0000

218.5360, 0.2288,
-26.7801

242.4270, 2.2545,
-23.1765

252.0100, 1.4741,

-6.1478

■ 86.3730, 0.8021,
-24.0061

■ 86.3730, 0.8021,
-24.0061

■ 83.0410, 0.9658,
-29.8540

■ 89.7050, 0.6384,
-18.1583

■ 79.7090, 1.1295,
-35.7018

■ 93.0370, 0.4748,
-12.3104

■ 76.3770, 1.2931,
-41.5496

■ 96.3690, 0.3111,
-6.4626

■ 73.0450, 1.4568,
-47.3975

■ 99.7010, 0.1474,
-0.6148

■ 69.7130, 1.6205,
-53.2453

■ 103.0330, -0.0163,
5.2331

■ 66.7940, 2.0736,
-58.5783

■ 106.3650, -0.1799,
11.0809

■ 109.5830, -0.7804,
17.0287

■ 112.9150, -0.9441,
22.8765

■ 116.2470, -1.1078,
28.7244

Harmonies

Analogous

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



88.3870, -7.0928, -11.7404



86.3730, 0.8021, -24.0061



85.0930, 8.8282, -31.6536

Triad

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



86.3730, 0.8021, -24.0061



93.3060, 12.6671, -2.8994



92.8580, -11.2690, 21.1725

Complementary

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



86.3730, 0.8021, -24.0061



72.6270, -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.



93.6610, -5.7489, 23.9763



86.3730, 0.8021, -24.0061



94.4280, 7.6770, 11.0256

Square

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



86.3730, 0.8021, -24.0061



90.0760, 14.7525, -18.4837



94.3600, 0.8085, 20.7323



91.8200, -13.7153, 12.4359

Rectangle

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



86.3730, 0.8021, -24.0061



85.4180, 12.6119, -31.9386



94.3600, 0.8085, 20.7323



93.2110, -9.9640, 22.6170

Sweetspot

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



86.3730, 0.8021, -24.0061



124.6460, 0.1745, -9.3365



86.6550, -13.6339, -13.7294



63.0810, 0.4531, -5.3330



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



86.3730, 0.8021, -24.0061



108.6980, 1.1349, -37.4461



83.0450, 8.3588, -21.0875



49.3910, 0.3002, -2.9739



76.7390, 2.1007, -67.3001



161.5480, 4.6598, -141.6776

Inverse Universe

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



72.6270, -0.8021, 24.0061



87.3020, -1.1349, 37.4461



75.9550, -8.3588, 21.0875



47.6090, -0.3002, 2.9739



38.2610, -2.1007, 67.3001



80.4520, -4.6598, 141.6776

Previews

White Background



This preview shows how the YUV color 86.3730, 0.8021, -24.0061 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 86.3730, 0.8021, -24.0061 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 86.3730, 0.8021, -24.0061

Background



This preview shows how black text looks on a background with the YUV color 86.3730, 0.8021, -24.0061.



This preview shows how white text looks on a background with the YUV color 86.3730, 0.8021, -24.0061.

-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

86.3730, 0.8021, -24.0061

Protanopia

91.8710, -4.3734, 2.7441

Deuteranopia

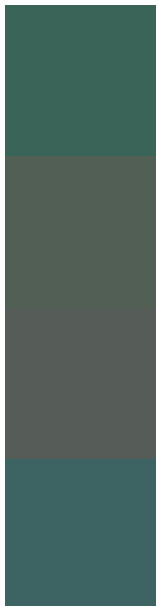
92.7020, -1.3321, 7.2773



Tritanopia

88.3330, 8.2168, -22.2170

Trichromacy



Original Color

86.3730, 0.8021, -24.0061

Protanomaly

89.9730, -2.4517, -6.9923

Deuteranomaly

90.4510, -0.7153, -3.9035

Tritanomaly

87.9370, 5.4541, -22.7467

Monochromacy



Original Color

86.3730, 0.8021, -24.0061

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0590, 0.4639, -8.8217

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3730, 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(59, 100, 88)` looks like.

```
.text, #text, p{  
    color:rgb(59, 100, 88)  
}
```

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(59, 100, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 100, 88) }
```

Border

The CSS property to change the border of an element to YUV 86.3730, 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(59, 100, 88) }
```


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

```
.border{ border-color:rgb(59, 100, 88) }
```

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

Here you see how a box with a 4 pixel rgb(59, 100, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 100, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 100, 88);  
box-shadow:4px 4px 4px 4px rgb(59, 100,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 86.3730, 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(59, 100, 88) }
```

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

```
.background{ background-color: rgb(59, 100,  
88) }
```

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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