

Converting Colors

YUV(85.9720, 12.3388,
-37.6864)

Have a look what the booklet for
YUV(85.9720, 12.3388, -37.6864)
contains.

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Color

**YUV(85.9720, 12.3388,
-37.6864)**

Conversions

Conversions Part 1

Format	Color
Hex	2B676F
RGB	43, 103, 111
RGB Percent	17%, 40%, 44%
CMY	0.8314, 0.5961, 0.5647
CMYK	0.61, 0.07, 0.00, 0.56
HSL	187°, 44%, 30%
HSV	187°, 61%, 44%
XYZ	8.7158, 11.3618, 16.7726
YIQ	85.9720, -38.3280, -10.2320

Conversions

Conversions Part 2

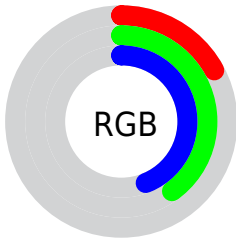
Format	Color
RYB	43, 75, 111
Decimal	2844527
CIELab	40.18, -16.70, -10.34
CIElCh	40, 19.642, 211.779
Yxy	11.3618, 0.2365, 0.3083
Android (android.graphics.Color)	4281034607 (0xFF2B676F)
YUV	85.9720, 12.3388, -37.6864
Hunter-Lab	33.7072, -12.8326, -5.9074




Details

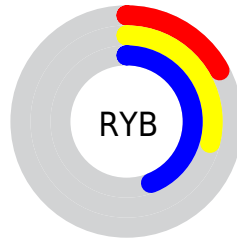
The YUV color **85.9720, 12.3388, -37.6864** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.0280, -12.3388, 37.6864**, and the grayscale version is **86.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **137.6840, 12.4808, -36.5569**, and **40.0540, 11.3124, -35.1274** is the 20% darker color. If you saturate the color by 10%, you get **82.0960, 14.2497, -43.9342**, and if you desaturate by 10%, it is **89.8480, 10.4279, -31.4387**.

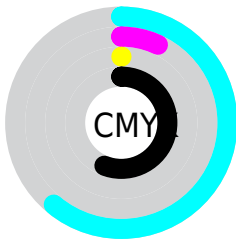
Distribution







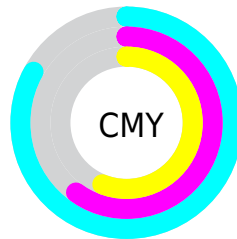
-  Red (17%)
-  Green (40%)
-  Blue (44%)






-  Red (17%)
-  Yellow (29%)
-  Blue (44%)



-  Cyan (61%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (83%)
-  Magenta (60%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9720, 12.3388, -37.6864 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 85.9720, 12.3388, -37.6864 by changing the saturation by 10% instead.

85.9720, 12.3388,
-37.6864

85.9720, 12.3388,
-37.6864

255.0000, 0.0000,
0.0000

59.2810, 13.6655,
-43.2194

137.6840, 12.4808,
-36.5569

40.0540, 11.3124,
-35.1274

164.6840, 12.4808,
-36.5569

24.6320, 8.0694,
-21.6023

192.2710, 12.1914,
-37.0717

3.6820, 9.0308,
-3.2291

220.3850, 12.6282,
-37.1716

0.0000, 0.0000,
0.0000

240.3490, 7.2229,
-30.1241

249.0200, 2.9481,

-12.2955

■ 85.9720, 12.3388,
-37.6864

■ 85.9720, 12.3388,
-37.6864

■ 82.0960, 14.2497,
-43.9342

■ 89.8480, 10.4279,
-31.4387

■ 77.6330, 16.4499,
-49.6671

■ 94.3110, 8.2277,
-25.7057

■ 73.7570, 18.3608,
-55.9149

■ 98.1870, 6.3168,
-19.4580

■ 70.1800, 20.1243,
-61.5479

■ 102.0630, 4.4059,
-13.2103

■ 106.8250, 2.0583,
-6.8625

■ 110.7010, 0.1474,
-0.6148

■ 114.5770, -1.7635,
5.6330

■ 118.4530, -3.6743,
11.8807

■ 122.9160, -5.8746,
17.6137

Harmonies

Analogous

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



87.4260, 3.7340, -31.0686



85.9720, 12.3388, -37.6864



88.4550, 16.5377, -31.0940

Triad

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



85.9720, 12.3388, -37.6864



97.1190, 6.3503, 16.5586



93.7550, -15.1622, 9.8619

Complementary

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



85.9720, 12.3388, -37.6864



68.0280, -12.3388, 37.6864

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.



95.4620, -14.0318, 20.6428



85.9720, 12.3388, -37.6864



97.1110, -1.5337, 25.3357

Square

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



85.9720, 12.3388, -37.6864



96.0400, 12.7983, 1.7189



95.9880, -8.3751, 26.3205



92.0630, -12.3561, -3.5633

Rectangle

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



85.9720, 12.3388, -37.6864



91.9230, 16.8000, -21.8575



95.9880, -8.3751, 26.3205



94.0760, -15.3205, 13.9653

Sweetspot

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



85.9720, 12.3388, -37.6864



135.4650, 4.7008, -14.4398



83.8280, -16.1842, -35.8062



68.0420, 2.9373, -8.8068



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.



85.9720, 12.3388, -37.6864



105.9630, 19.2452, -59.6036



66.0140, 22.1781, -20.1833



53.6190, 1.1738, -3.1739



75.9020, 21.7403, -66.5661



156.1240, 44.8019, -136.9207

Inverse Universe

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



70.1720, 16.1842, 35.8062



80.8230, 25.7233, 56.2832



87.9860, -22.1781, 20.1833



52.3640, 1.2995, 3.1888



47.9640, 28.6117, 63.1756



98.7050, 58.8124, 130.0547

Previews

White Background



This preview shows how the YUV color 85.9720, 12.3388, -37.6864 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 85.9720, 12.3388, -37.6864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

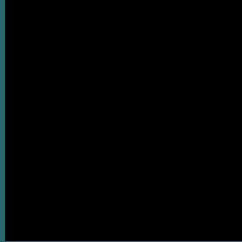
Any Text WCAG AA × Fail

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 85.9720, 12.3388, -37.6864 Background



This preview shows how black text looks on a background with the YUV color 85.9720, 12.3388, -37.6864.



This preview shows how white text looks on a background with the YUV color 85.9720, 12.3388,

-37.6864.

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

85.9720, 12.3388, -37.6864

Protanopia

94.9550, 4.9522, -1.7145

Deuteranopia

94.9920, 8.8779, -0.8700



Tritanopia

85.9720, 12.3388, -37.6864

Trichromacy



Original Color

85.9720, 12.3388, -37.6864

Protanomaly

91.5620, 7.6109, -14.5249

Deuteranomaly

91.5450, 10.0843, -14.5100

Tritanomaly

85.9720, 12.3388, -37.6864

Monochromacy



Original Color

85.9720, 12.3388, -37.6864

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7640, 4.5533, -13.8250

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9720, 12.3388, -37.6864 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, 103, 111)` looks like.

```
.text, #text, p{  
    color:rgb(43, 103, 111)  
}
```

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, 103, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 103, 111) }
```

Border

The CSS property to change the border of an element to YUV 85.9720, 12.3388, -37.6864 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, 103, 111) }
```


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

```
.border{ border-color:rgb(43, 103, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 103, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 103, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 103, 111);  
box-shadow:4px 4px 4px 4px rgb(43, 103,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 85.9720, 12.3388, -37.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 103, 111) }
```

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

```
.background{ background-color: rgb(43, 103,  
111) }
```

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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