

Converting Colors

YUV(83.3990, 14.5933,
-60.8629)

Have a look what the booklet for
YUV(83.3990, 14.5933, -60.8629)
contains.

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Color

**YUV(83.3990, 14.5933,
-60.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	0E7171
RGB	14, 113, 113
RGB Percent	5%, 44%, 44%
CMY	0.9451, 0.5569, 0.5569
CMYK	0.88, 0.00, 0.00, 0.56
HSL	180°, 78%, 25%
HSV	180°, 88%, 44%
XYZ	9.0669, 13.0959, 17.6727
YIQ	83.3990, -59.0040, -20.9880

Conversions

Conversions Part 2

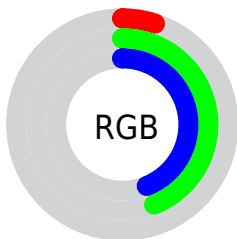
Format	Color
RYB	14, 64, 113
Decimal	946545
CIELab	42.91, -25.45, -7.53
CIELCh	43, 26.542, 196.486
Yxy	13.0959, 0.2276, 0.3287
Android (android.graphics.Color)	4279136625 (0xFF0E7171)
YUV	83.3990, 14.5933, -60.8629
Hunter-Lab	36.1882, -18.6067, -3.6228

Details

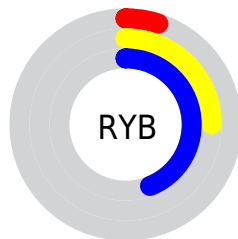
The YUV color **83.3990, 14.5933, -60.8629** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **43.6010, -14.5933, 60.8629**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8840, 12.3822, -51.6413**, and **44.9780, 9.8708, -39.4457** is the 20% darker color. If you saturate the color by 10%, you get **80.1100, 16.2148, -67.6255**, and if you desaturate by 10%, it is **86.6880, 12.9718, -54.1004**.

Distribution



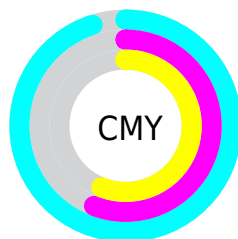
- Red (5%)
- Green (44%)
- Blue (44%)



- Red (5%)
- Yellow (25%)
- Blue (44%)



- Cyan (88%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3990, 14.5933, -60.8629 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 83.3990, 14.5933, -60.8629 by changing the saturation by 10% instead.

83.3990, 14.5933,
-60.8629

83.3990, 14.5933,
-60.8629

255.0000, 0.0000,
0.0000

61.8020, 13.4086,
-54.2004

139.8840, 12.3822,
-51.6413

44.9780, 9.8708,
-39.4457

167.7700, 11.9454,
-51.5413

29.5560, 6.6279,
-25.9206

195.7700, 11.9454,
-51.5413

13.7750, 4.5479,
-12.0807

223.7700, 11.9454,
-51.5413

0.0000, 0.0000,
0.0000

236.7610, 8.9918,
-37.5014

245.4320, 4.7170,

-19.6729

254.4020, 0.2948,
-1.2296

■ 83.3990, 14.5933,
-60.8629

■ 83.3990, 14.5933,
-60.8629

■ 80.1100, 16.2148,
-67.6255

■ 86.6880, 12.9718,
-54.1004

■ 79.2130, 16.6570,
-69.4698

■ 90.2760, 11.2029,
-46.7231

■ 93.5650, 9.5815,
-39.9605

■ 96.8540, 7.9600,
-33.1980

■ 100.1430, 6.3385,
-26.4354

■ 103.7310, 4.5696,
-19.0581

■ 107.0200, 2.9481,
-12.2955

■ 110.3090, 1.3267,
-5.5330

■ 113.8970, -0.4422,
1.8443

Harmonies

Analogous

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



90.9540, -0.4703, -35.9167



83.3990, 14.5933, -60.8629



81.7000, 24.7979, -67.2659

Triad

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



83.3990, 14.5933, -60.8629



104.0460, 13.7813, 13.1147



100.7410, -20.5783, 20.3981

Complementary

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



83.3990, 14.5933, -60.8629



43.6010, -14.5933, 60.8629

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.



101.7840, -15.6695, 32.6384



83.3990, 14.5933, -60.8629



103.9250, 3.9810, 29.8838

Square

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



83.3990, 14.5933, -60.8629



101.0260, 20.6932, -10.5468



102.6240, -6.2236, 36.2868



98.8700, -19.6559, 4.4990

Rectangle

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



83.3990, 14.5933, -60.8629



90.5330, 24.8802, -46.9484



102.6240, -6.2236, 36.2868



101.0020, -19.7210, 25.4312

Sweetspot

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



83.3990, 14.5933, -60.8629



136.3390, 5.7489, -23.9763



72.1130, -28.6497, -50.9651



67.1230, 3.3904, -14.1399



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.



83.3990, 14.5933, -60.8629



103.7480, 21.8162, -90.9870



54.6360, 28.7735, -35.6378



54.2060, 0.8844, -3.6887



84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Inverse Universe

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



54.8870, 28.6497, 50.9651



61.1240, 42.8299, 76.1903



72.9510, -29.0628, 35.1230



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 83.3990, 14.5933, -60.8629 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 83.3990, 14.5933, -60.8629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

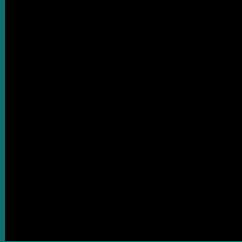
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.3990, 14.5933, -60.8629

Background



This preview shows how black text looks on a background with the YUV color 83.3990, 14.5933, -60.8629.



This preview shows how white text looks on a background with the YUV color 83.3990, 14.5933,

-60.8629.

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

83.3990, 14.5933, -60.8629

Protanopia

100.8690, 2.0366, 0.1149

Deuteranopia

101.5470, 7.1253, 1.2743



Tritanopia

86.7140, 16.9030, -55.0002

Trichromacy



Original Color

83.3990, 14.5933, -60.8629

Protanomaly

94.5780, 6.6170, -22.4319

Deuteranomaly

94.8000, 9.9586, -20.8726

Tritanomaly

85.1760, 16.1822, -57.1594

Monochromacy



Original Color

83.3990, 14.5933, -60.8629

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2360, 5.3067, -22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3990, 14.5933, -60.8629 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(14, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(14, 113, 113)  
}
```

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(14, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 113, 113) }
```

Border

The CSS property to change the border of an element to YUV 83.3990, 14.5933, -60.8629 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(14, 113, 113) }
```


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

```
.border{ border-color:rgb(14, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(14, 113,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 83.3990, 14.5933, -60.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 113, 113) }
```

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

```
.background{ background-color: rgb(14, 113,  
113) }
```

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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