

Converting Colors

YUV(113.3990, 15.0863,
14.5591)

Have a look what the booklet for
YUV(113.3990, 15.0863, 14.5591)
contains.

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Color

**YUV(113.3990, 15.0863,
14.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	826390
RGB	130, 99, 144
RGB Percent	51%, 39%, 56%
CMY	0.4902, 0.6118, 0.4353
CMYK	0.10, 0.31, 0.00, 0.44
HSL	281°, 19%, 48%
HSV	281°, 31%, 56%
XYZ	18.7018, 15.6831, 28.4270
YIQ	113.3990, 4.0310, 20.5670

Conversions

Conversions Part 2

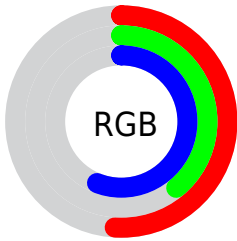
Format	Color
RYB	130, 99, 144
Decimal	8545168
CIELab	46.56, 21.18, -19.97
CIELCh	47, 29.110, 316.680
Yxy	15.6831, 0.2977, 0.2497
Android (android.graphics.Color)	4286735248 (0xFF826390)
YUV	113.3990, 15.0863, 14.5591
Hunter-Lab	39.6019, 14.9923, -14.8381

Details

The YUV color **113.3990, 15.0863, 14.5591** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.6010, -15.0863, -14.5591**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3390, 16.1019, 15.4887**, and **65.0460, 13.7813, 13.1147** is the 20% darker color. If you saturate the color by 10%, you get **103.9850, 19.7274, 19.3072**, and if you desaturate by 10%, it is **122.8130, 10.4452, 9.8110**.

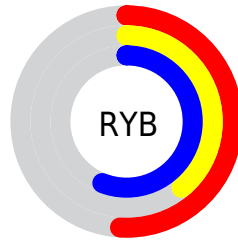
Distribution



Red (51%)

Green (39%)

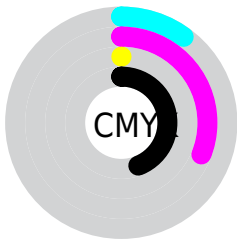
Blue (56%)



Red (51%)

Yellow (39%)

Blue (56%)

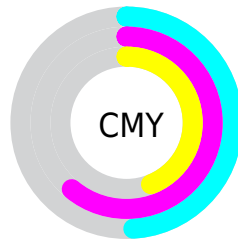


Cyan (10%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3990, 15.0863, 14.5591 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 113.3990, 15.0863, 14.5591 by changing the saturation by 10% instead.

■ 113.3990, 15.0863,
14.5591

■ 113.3990, 15.0863,
14.5591

■ 255.0000, 0.0000,
0.0000

■ 88.5730, 14.5075,
13.5295

■ 165.3390, 16.1019,
15.4887

■ 65.0460, 13.7813,
13.1147

■ 192.7520, 16.3913,
16.0035

■ 42.3340, 13.6393,
11.9851

■ 220.5780, 16.9700,
17.0331

■ 20.2200, 13.2025,
12.0851

■ 242.0860, 6.3666,
11.3256

■ 2.9640, 11.3567,
-2.5994

■ 0.0000, 0.0000,
0.0000

■ 113.3990, 15.0863,
14.5591

■ 113.3990, 15.0863,
14.5591

■ 103.9850, 19.7274,
19.3072

■ 122.8130, 10.4452,
9.8110

■ 93.6850, 24.8053,
23.9553

■ 133.1130, 5.3673,
5.1629

■ 84.2710, 29.4464,
28.7033

■ 142.5270, 0.7262,
0.4148

■ 73.9710, 34.5243,
33.3514

■ 152.8270, -4.3517,
-4.2333

■ 64.5570, 39.1654,
38.0995

■ 162.2410, -8.9928,
-8.9814

■ 54.8440, 43.9539,
42.2328


■ 171.9540,
-13.7813, -13.1147

■ 46.0170, 48.3056,
46.4661

■ 181.9550,
-18.7118, -18.3775

■ 191.6680,

-23.5003, -22.5108

 201.6690,
-28.4308, -27.7737

Harmonies

Analogous

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



110.2970, 23.0246, -11.6615



113.3990, 15.0863, 14.5591



113.0610, 4.4069, 33.2725

Triad

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



113.3990, 15.0863, 14.5591



109.4810, -22.9151, 23.2572



86.8210, 17.8362, -74.3880

Complementary

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



113.3990, 15.0863, 14.5591



129.6010, -15.0863, -14.5591

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.



98.9210, -0.4541, -41.1497



113.3990, 15.0863, 14.5591



107.3000, -21.8399, 4.9989

Square

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



113.3990, 15.0863, 14.5591



111.0510, -17.2801, 35.9123



103.9320, -13.7705, -16.6034



87.5570, 28.3194, -76.7875

Rectangle

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



113.3990, 15.0863, 14.5591



112.4440, -3.1769, 39.0756



103.9320, -13.7705, -16.6034



92.4870, 11.0989, -60.0631

Sweetspot

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



113.3990, 15.0863, 14.5591



174.5260, 5.6567, 5.6777



112.3480, 15.6044, -11.7062



87.2330, 3.3361, 3.3037



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



113.3990, 15.0863, 14.5591



137.7450, 23.7897, 23.0256



116.6730, 9.5282, 23.9658



66.2930, 2.3206, 2.3740



43.1970, 45.2589, 43.6772



2.4070, 2.7573, 2.2741

Inverse Universe

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



114.0510, -0.5181, 26.2653



138.7370, -0.8563, 41.4497



126.3270, -9.5282, -23.9658



66.3210, -0.1583, 4.1035



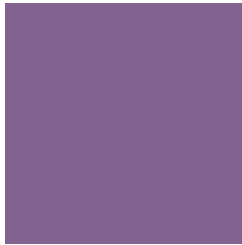
45.1530, -1.5544, 78.7958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 113.3990, 15.0863, 14.5591 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 113.3990, 15.0863, 14.5591 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 113.3990, 15.0863, 14.5591 Background



This preview shows how black text looks on a background with the YUV color 113.3990, 15.0863, 14.5591.



This preview shows how white text looks on a background with the YUV color 113.3990, 15.0863, 14.5591.

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

113.3990, 15.0863, 14.5591

Protanopia

110.6130, 20.4038, -11.0616

Deuteranopia

111.5660, 15.0040, -5.7584



Tritanopia

111.8920, 0.5462, 11.4957

Trichromacy



Original Color

113.3990, 15.0863, 14.5591

Protanomaly

111.5110, 18.4821, -1.3251

Deuteranomaly

112.0230, 15.2717, 1.7338

Tritanomaly

112.5700, 5.6350, 12.6551

Monochromacy



Original Color

113.3990, 15.0863, 14.5591

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1130, 5.3673, 5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3990, 15.0863, 14.5591 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(130, 99, 144)` looks like.

```
.text, #text, p{  
    color:rgb(130, 99, 144)  
}
```

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(130, 99, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 99, 144) }
```

Border

The CSS property to change the border of an element to YUV 113.3990, 15.0863, 14.5591 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(130, 99, 144) }
```


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

```
.border{ border-color:rgb(130, 99, 144) }
```

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

Here you see how a box with a 4 pixel rgb(130, 99, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 99, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 99, 144);  
box-shadow:4px 4px 4px 4px rgb(130, 99,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 113.3990, 15.0863, 14.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 99, 144) }
```

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

```
.background{ background-color: rgb(130, 99,  
144) }
```

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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