

Converting Colors

YUV(114.8760, 14.8511,
-3.3993)

Have a look what the booklet for
YUV(114.8760, 14.8511, -3.3993)
contains.

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Color

**YUV(114.8760, 14.8511,
-3.3993)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6F91
RGB	111, 111, 145
RGB Percent	44%, 44%, 57%
CMY	0.5647, 0.5647, 0.4314
CMYK	0.23, 0.23, 0.00, 0.43
HSL	240°, 13%, 50%
HSV	240°, 23%, 57%
XYZ	17.3508, 16.7927, 29.1149
YIQ	114.8760, -10.9140, 10.5740

Conversions

Conversions Part 2

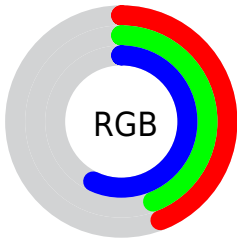
Format	Color
R_{YB}	111, 111, 145
Decimal	7303057
CIE _{Lab}	48.00, 7.79, -18.51
CIE _{LCh}	48, 20.079, 292.813
Yxy	16.7927, 0.2743, 0.2655
Android (android.graphics.Color)	4285493137 (0xFF6F6F91)
YUV	114.8760, 14.8511, -3.3993
Hunter-Lab	40.9789, 3.8653, -13.4394

Details

The YUV color **114.8760, 14.8511, -3.3993** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.1240, -14.8511, 3.3993**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1040, 15.7247, -3.5992**, and **66.2350, 13.6881, -3.7141** is the 20% darker color. If you saturate the color by 10%, you get **102.4720, 20.9663, -4.7989**, and if you desaturate by 10%, it is **128.1660, 8.2992, -1.8996**.

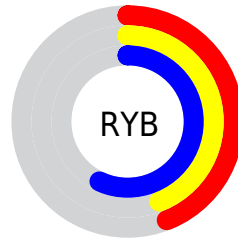
Distribution



Red (44%)

Green (44%)

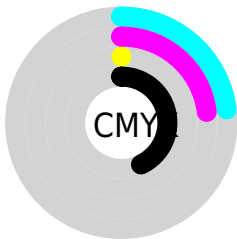
Blue (57%)



Red (44%)

Yellow (44%)

Blue (57%)

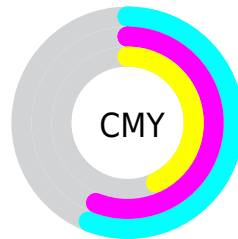


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (43%)



Cyan (56%)

Magenta (56%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8760, 14.8511, -3.3993 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 114.8760, 14.8511, -3.3993 by changing the saturation by 10% instead.

■ 114.8760, 14.8511,
-3.3993

■ 114.8760, 14.8511,
-3.3993

■ 255.0000, 0.0000,
0.0000

■ 90.3490, 14.1249,
-3.8141

■ 167.1040, 15.7247,
-3.5992

■ 66.2350, 13.6881,
-3.7141

■ 194.2180, 16.1615,
-3.6992

■ 44.4090, 13.1094,
-4.7437

■ 221.6310, 16.4509,
-3.1844

■ 22.8820, 12.3832,
-5.1585

■ 247.3250, 3.7838,
-0.2850

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 114.8760, 14.8511,
-3.3993

■ 114.8760, 14.8511,
-3.3993

■ 102.4720, 20.9663,
-4.7989

■ 128.1660, 8.2992,
-1.8996

■ 89.1820, 27.5183,
-6.2986

■ 140.5700, 2.1840,
-0.4999

■ 76.7780, 33.6334,
-7.6983

■ 153.8600, -4.3680,
0.9998

■ 63.4880, 40.1854,
-9.1980

■ 166.2640,
-10.4832, 2.3995

■ 51.0840, 46.3006,
-10.5977

■ 179.5540,
-17.0351, 3.8991

■ 37.7940, 52.8526,
-12.0973

■ 191.9580,
-23.1503, 5.2988

■ 25.3900, 58.9677,
-13.4970

■ 205.2480,
-29.7023, 6.7985

■ 16.5300, 63.3357,

■ 217.6520,

-14.4968

-35.8174, 8.1982

 230.9420,
-42.3694, 9.6979

Harmonies

Analogous

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



111.4500, 17.5261, -21.4427



114.8760, 14.8511, -3.3993



116.4930, 9.1240, 13.5996

Triad

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



114.8760, 14.8511, -3.3993



115.0110, -13.3164, 24.5464



107.0520, 0.9604, -28.1096

Complementary

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



114.8760, 14.8511, -3.3993



141.1240, -14.8511, 3.3993

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.



109.4360, -8.1029, -14.4144



114.8760, 14.8511, -3.3993



113.1470, -16.3415, 14.7801

Square

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



114.8760, 14.8511, -3.3993



115.7540, -6.7807, 28.2797



111.8140, -14.6983, 1.0401



105.4020, 10.1548, -37.1866

Rectangle

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



114.8760, 14.8511, -3.3993



116.7560, 3.5713, 21.2620



111.8140, -14.6983, 1.0401



108.1620, -2.5449, -23.8211

Sweetspot

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



114.8760, 14.8511, -3.3993



176.5960, 6.1152, -1.3997



134.8340, 5.0118, -20.9024



87.7980, 3.0576, -0.6998



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.



114.8760, 14.8511, -3.3993



142.0420, 23.1503, -5.2988



119.9590, 12.3452, 7.0520



64.7980, 3.0576, -0.6998



15.3900, 58.9677, -13.4970



0.9120, 3.4944, -0.7998

Inverse Universe

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



125.0420, 9.8393, 17.5032



157.8890, 15.3377, 27.2843



136.0410, -12.3452, -7.0520



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 114.8760, 14.8511, -3.3993 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 114.8760, 14.8511, -3.3993 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 114.8760, 14.8511, -3.3993

Background



This preview shows how black text looks on a background with the YUV color 114.8760, 14.8511, -3.3993.



This preview shows how white text looks on a background with the YUV color 114.8760, 14.8511, -3.3993.

-3.3993.

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

114.8760, 14.8511, -3.3993

Protanopia

114.3700, 15.5936, -8.2175

Deuteranopia

114.8650, 14.8566, -5.1436



Tritanopia

113.6340, 5.1104, -5.8180

Trichromacy



Original Color

114.8760, 14.8511, -3.3993

Protanomaly

114.3810, 15.5882, -6.4731

Deuteranomaly

115.1640, 14.7091, -4.5288

Tritanomaly

114.2580, 8.7468, -5.4883

Monochromacy



Original Color

114.8760, 14.8511, -3.3993

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.3680, 5.2416, -1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8760, 14.8511, -3.3993 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(111, 111, 145)` looks like.

```
.text, #text, p{  
    color:rgb(111, 111, 145)  
}
```

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(111, 111, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 111, 145) }
```

Border

The CSS property to change the border of an element to YUV 114.8760, 14.8511, -3.3993 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(111, 111, 145) }
```


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

```
.border{ border-color:rgb(111, 111, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 111, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 111, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 111, 145);  
box-shadow:4px 4px 4px 4px rgb(111, 111,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 114.8760, 14.8511, -3.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 111, 145) }
```

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

```
.background{ background-color: rgb(111,  
111, 145) }
```

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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