

Converting Colors

YUV(116.5450, 13.5353,
-1.3550)

Have a look what the booklet for
YUV(116.5450, 13.5353, -1.3550)
contains.

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Color

**YUV(116.5450, 13.5353,
-1.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	737090
RGB	115, 112, 144
RGB Percent	45%, 44%, 56%
CMY	0.5490, 0.5608, 0.4353
CMYK	0.20, 0.22, 0.00, 0.44
HSL	246°, 13%, 50%
HSV	246°, 22%, 56%
XYZ	17.8984, 17.2468, 28.7712
YIQ	116.5450, -8.4840, 10.5880

Conversions

Conversions Part 2

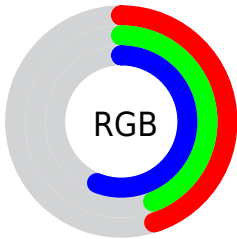
Format	Color
R_{YB}	115, 112, 144
Decimal	7565456
CIE Lab	48.57, 8.27, -17.01
CIE LCh	49, 18.919, 295.935
Yxy	17.2468, 0.2800, 0.2698
Android (android.graphics.Color)	4285755536 (0xFF737090)
YUV	116.5450, 13.5353, -1.3550
Hunter-Lab	41.5293, 4.2544, -12.0052

Details

The YUV color **116.5450, 13.5353, -1.3550** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.4550, -13.5353, 1.3550**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7730, 14.4089, -1.5549**, and **68.0180, 12.8091, -1.7698** is the 20% darker color. If you saturate the color by 10%, you get **104.4400, 19.5031, -2.1399**, and if you desaturate by 10%, it is **128.6500, 7.5676, -0.5700**.

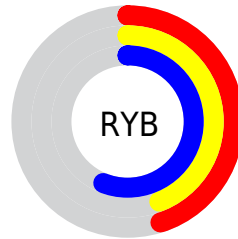
Distribution



Red (45%)

Green (44%)

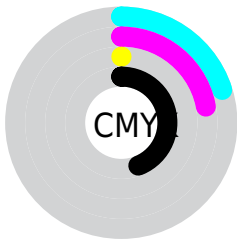
Blue (56%)



Red (45%)

Yellow (44%)

Blue (56%)

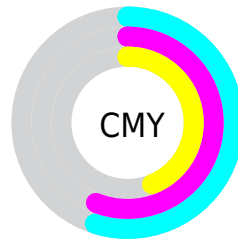


Cyan (20%)

Magenta (22%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5450, 13.5353, -1.3550 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 116.5450, 13.5353, -1.3550 by changing the saturation by 10% instead.

■ 116.5450, 13.5353,
-1.3550

■ 116.5450, 13.5353,
-1.3550

■ 255.0000, 0.0000,
0.0000

■ 92.0180, 12.8091,
-1.7698

■ 168.7730, 14.4089,
-1.5549

■ 68.0180, 12.8091,
-1.7698

■ 196.1860, 14.6983,
-1.0401

■ 45.4910, 12.0829,
-2.1846

■ 224.3000, 15.1351,
-1.1401

■ 24.8500, 10.9200,
-2.4994

■ 249.1080, 2.9048,
1.6593

■ 3.0780, 11.7935,
-2.6994

■ 0.0000, 0.0000,
0.0000

■ 116.5450, 13.5353,
-1.3550

■ 116.5450, 13.5353,
-1.3550

■ 104.4400, 19.5031,
-2.1399

■ 128.6500, 7.5676,
-0.5700

■ 91.7480, 25.7602,
-2.4100

■ 141.3420, 1.3104,
-0.2999

■ 79.6430, 31.7280,
-3.1949

■ 153.4470, -4.6574,
0.4850

■ 66.9510, 37.9852,
-3.4650

■ 166.1390,
-10.9145, 0.7551

■ 54.8460, 43.9529,
-4.2499

■ 178.2440,
-16.8823, 1.5400

■ 42.7410, 49.9207,
-5.0349

■ 190.3490,
-22.8501, 2.3249

■ 30.0490, 56.1778,
-5.3050


■ 203.0410,
-29.1072, 2.5950

■ 20.6020, 60.8352,

■ 215.1460,

-5.7900

-35.0750, 3.3800

 227.8380,
-41.3321, 3.6501

Harmonies

Analogous

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



113.2440, 16.6417, -17.7540



116.5450, 13.5353, -1.3550



118.0370, 7.3768, 13.9996

Triad

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



116.5450, 13.5353, -1.3550



116.0000, -13.3110, 22.8020



108.6930, 2.1234, -27.7948

Complementary

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



116.5450, 13.5353, -1.3550



139.4550, -13.5353, 1.3550

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.



110.7780, -6.7926, -14.7143



116.5450, 13.5353, -1.3550



115.0650, -15.3150, 12.2210

Square

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



116.5450, 13.5353, -1.3550



117.5150, -7.6489, 26.7353



113.1450, -13.3825, -1.0042



107.8260, 10.4388, -34.9274

Rectangle

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



116.5450, 13.5353, -1.3550



118.2290, 2.8451, 20.8472



113.1450, -13.3825, -1.0042



109.5040, -1.2345, -24.1210

Sweetspot

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



116.5450, 13.5353, -1.3550



174.7810, 5.5310, -0.6849



132.6710, 5.5852, -18.1285



88.0970, 2.9102, -0.0851



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.



116.5450, 13.5353, -1.3550



143.1950, 21.1029, -1.9250



121.3290, 11.1768, 8.4815



65.0970, 2.9102, -0.0851



19.2770, 57.0514, -5.5049



1.2110, 3.3470, -0.1850

Inverse Universe

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



124.8740, 7.9501, 16.7735



156.0800, 12.2856, 26.2398



134.6710, -11.1768, -8.4815



66.8910, 2.0257, 3.6036



54.2730, 33.3894, 70.7976



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 116.5450, 13.5353, -1.3550 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 116.5450, 13.5353, -1.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

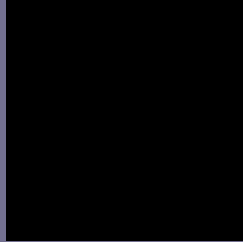
Any Text WCAG AA × Fail

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 116.5450, 13.5353, -1.3550 Background



This preview shows how black text looks on a background with the YUV color 116.5450, 13.5353, -1.3550.



This preview shows how white text looks on a background with the YUV color 116.5450, 13.5353, -1.3550.

-1.3550.

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

116.5450, 13.5353, -1.3550

Protanopia

115.7400, 14.4252, -6.7880

Deuteranopia

116.2350, 13.6881, -3.7141



Tritanopia

114.9440, 4.9576, -3.4589

Trichromacy



Original Color

116.5450, 13.5353, -1.3550

Protanomaly

116.0500, 14.2723, -4.4289

Deuteranomaly

116.5340, 13.5407, -3.0993

Tritanomaly

115.4540, 8.1572, -3.0292

Monochromacy



Original Color

116.5450, 13.5353, -1.3550

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.6670, 5.0942, -0.5850

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5450, 13.5353, -1.3550 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(115, 112, 144)` looks like.

```
.text, #text, p{  
    color:rgb(115, 112, 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(115, 112, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 112, 144) }
```

Border

The CSS property to change the border of an element to YUV 116.5450, 13.5353, -1.3550 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(115, 112, 144) }
```


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

```
.border{ border-color:rgb(115, 112, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 112, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 112, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 112, 144);  
box-shadow:4px 4px 4px 4px rgb(115, 112,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 116.5450, 13.5353, -1.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 112, 144) }
```

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

```
.background{ background-color: rgb(115,  
112, 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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