

Converting Colors

YUV(82.5450, 13.5353, -1.3550)

Have a look what the booklet for
YUV(82.5450, 13.5353, -1.3550)
contains.

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Color

**YUV(82.5450, 13.5353,
-1.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	514E6E
RGB	81, 78, 110
RGB Percent	32%, 31%, 43%
CMY	0.6824, 0.6941, 0.5686
CMYK	0.26, 0.29, 0.00, 0.57
HSL	246°, 17%, 37%
HSV	246°, 29%, 43%
XYZ	8.9322, 8.3239, 15.8877
YIQ	82.5450, -8.4840, 10.5880

Conversions

Conversions Part 2

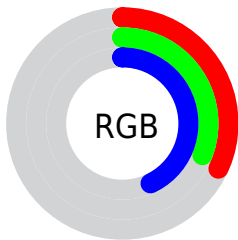
Format	Color
R_{YB}	81, 78, 110
Decimal	5328494
CIE Lab	34.65, 9.01, -17.97
CIE LCh	35, 20.100, 296.633
Yxy	8.3239, 0.2695, 0.2511
Android (android.graphics.Color)	4283518574 (0xFF514E6E)
YUV	82.5450, 13.5353, -1.3550
Hunter-Lab	28.8512, 4.7733, -12.4540

Details

The YUV color **82.5450, 13.5353, -1.3550** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **105.4550, -13.5353, 1.3550**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1860, 14.6983, -1.0401**, and **37.4910, 12.0829, -2.1846** is the 20% darker color. If you saturate the color by 10%, you get **73.0980, 18.1927, -1.8399**, and if you desaturate by 10%, it is **91.9920, 8.8779, -0.8700**.

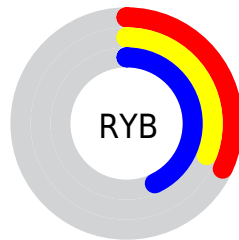
Distribution



Red (32%)

Green (31%)

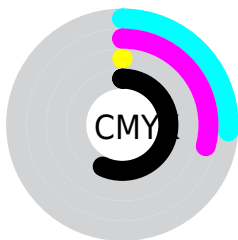
Blue (43%)



Red (32%)

Yellow (31%)

Blue (43%)

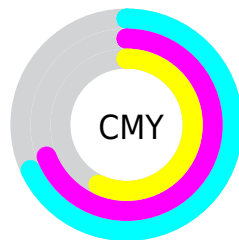


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (57%)



Cyan (68%)

Magenta (69%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.5450, 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 82.5450, 13.5353, -1.3550 by changing the saturation by 10% instead.

■ 82.5450, 13.5353,
-1.3550

■ 82.5450, 13.5353,
-1.3550

■ 255.0000, 0.0000,
0.0000

■ 59.1320, 13.2459,
-1.8698

■ 132.1860, 14.6983,
-1.0401

■ 37.4910, 12.0829,
-2.1846

■ 158.3000, 15.1351,
-1.1401

■ 16.0890, 11.7881,
-0.9551

■ 185.4140, 15.5719,
-1.2401

■ 2.7530, 8.0098,
-2.4144

■ 212.8270, 15.8613,
-0.7253

■ 0.0000, 0.0000,
0.0000

■ 239.0740, 7.8515,
1.6891

■ 82.5450, 13.5353,
-1.3550

■ 82.5450, 13.5353,
-1.3550

■ 73.0980, 18.1927,
-1.8399

■ 91.9920, 8.8779,
-0.8700

■ 63.6510, 22.8501,
-2.3249

■ 101.4390, 4.2206,
-0.3850

■ 54.2040, 27.5074,
-2.8099

■ 110.8860, -0.4368,
0.1000

■ 44.7570, 32.1648,
-3.2949

■ 120.3330, -5.0942,
0.5850

■ 35.3100, 36.8222,
-3.7799

■ 129.7800, -9.7515,
1.0699

■ 25.8630, 41.4795,
-4.2649

■ 139.2270,
-14.4089, 1.5549

■ 16.4160, 46.1369,
-4.7498

■ 148.6740,
-19.0663, 2.0399

■ 15.5300, 46.5737,

■ 158.1210,

-4.8498

-23.7237, 2.5249

■ 167.5680,
-28.3810, 3.0099

Harmonies

Analogous

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



79.2330, 16.6471, -19.4983



82.5450, 13.5353, -1.3550



84.0370, 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.



82.5450, 13.5353, -1.3550



81.4020, -13.0162, 21.5724



73.4970, 2.7130, -30.2539

Complementary

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



82.5450, 13.5353, -1.3550



105.4550, -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.



76.4790, -6.6451, -15.3291



82.5450, 13.5353, -1.3550



80.6520, -15.6044, 11.7062

Square

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



82.5450, 13.5353, -1.3550



82.6290, -7.2121, 26.6354



79.1450, -13.3825, -1.0042



71.1350, 11.7654, -40.4604

Rectangle

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



82.5450, 13.5353, -1.3550



83.5280, 2.6977, 21.4619



79.1450, -13.3825, -1.0042



75.0200, -0.5029, -25.4505

Sweetspot

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



82.5450, 13.5353, -1.3550



131.7810, 5.5310, -0.6849



98.6710, 5.5852, -18.1285



64.7980, 3.0576, -0.6998



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



82.5450, 13.5353, -1.3550



100.1950, 21.1029, -1.9250



87.3290, 11.1768, 8.4815



50.9830, 2.4734, 0.0149



16.9690, 50.7943, -5.2348



35.0350, 104.4987, -10.5547

Inverse Universe

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



90.8740, 7.9501, 16.7735



113.0800, 12.2856, 26.2398



100.6710, -11.1768, -8.4815



52.4780, 1.7363, 3.0888



48.3060, 29.9221, 62.8756



99.3890, 61.4332, 129.4548

Previews

White Background



This preview shows how the YUV color 82.5450, 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 ✓ Pass

Black Background



This preview shows how the YUV color 82.5450, 13.5353, -1.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

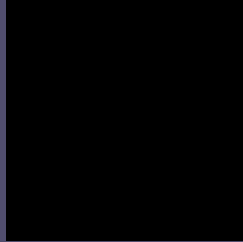
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.5450, 13.5353, -1.3550

Background



This preview shows how black text looks on a background with the YUV color 82.5450, 13.5353, -1.3550.



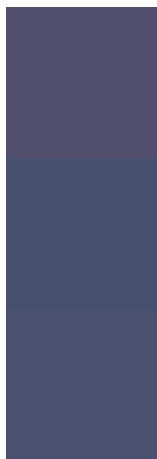
This preview shows how white text looks on a background with the YUV color 82.5450, 13.5353,

-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

82.5450, 13.5353, -1.3550

Protanopia

81.2560, 15.1568, -8.1175

Deuteranopia

81.6260, 13.9884, -6.6880



Tritanopia

81.3030, 3.7946, -3.7737

Trichromacy



Original Color

82.5450, 13.5353, -1.3550

Protanomaly

81.4520, 14.5672, -5.6584

Deuteranomaly

81.9360, 13.8356, -4.3289

Tritanomaly

81.9270, 7.4310, -3.4440

Monochromacy



Original Color

82.5450, 13.5353, -1.3550

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.6670, 5.0942, -0.5850

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.5450, 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(81, 78, 110)` looks like.

```
.text, #text, p{  
    color:rgb(81, 78, 110)  
}
```

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(81, 78, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 78, 110) }
```

Border

The CSS property to change the border of an element to YUV 82.5450, 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(81, 78, 110) }
```


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

```
.border{ border-color:rgb(81, 78, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 78, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 78, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 78, 110);  
box-shadow:4px 4px 4px 4px rgb(81, 78,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 82.5450, 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(81, 78, 110) }
```

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

```
.background{ background-color: rgb(81, 78,  
110) }
```

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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