

Converting Colors

YUV(84.1580, 13.7261,
-15.9246)

Have a look what the booklet for
YUV(84.1580, 13.7261, -15.9246)
contains.

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Color

**YUV(84.1580, 13.7261,
-15.9246)**

Conversions

Conversions Part 1

Format	Color
Hex	425870
RGB	66, 88, 112
RGB Percent	26%, 35%, 44%
CMY	0.7412, 0.6549, 0.5608
CMYK	0.41, 0.21, 0.00, 0.56
HSL	211°, 26%, 35%
HSV	211°, 41%, 44%
XYZ	8.6611, 9.3075, 16.6693
YIQ	84.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

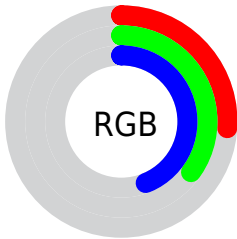
Format	Color
R _{YB}	66, 81, 112
Decimal	4348016
CIE Lab	36.57, -1.59, -16.35
CIE LCh	37, 16.431, 264.432
Yxy	9.3075, 0.2500, 0.2687
Android (android.graphics.Color)	4282538096 (0xFF425870)
YUV	84.1580, 13.7261, -15.9246
Hunter-Lab	30.5083, -2.7144, -11.0394

Details

The YUV color **84.1580, 13.7261, -15.9246** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **93.8420, -13.7261, 15.9246**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3860, 14.5997, -16.1245**, and **37.9190, 12.8579, -17.4690** is the 20% darker color. If you saturate the color by 10%, you get **77.3470, 17.0839, -19.5983**, and if you desaturate by 10%, it is **90.9690, 10.3683, -12.2508**.

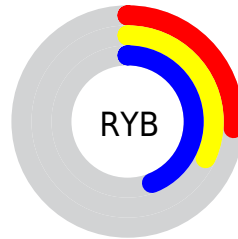
Distribution



Red (26%)

Green (35%)

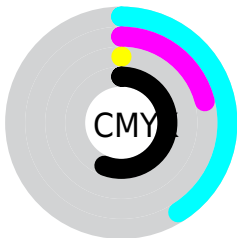
Blue (44%)



Red (26%)

Yellow (32%)

Blue (44%)

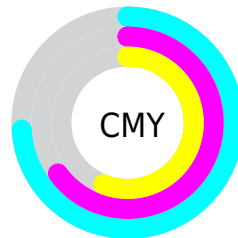


Cyan (41%)

Magenta (21%)

Yellow (0%)

Black (56%)



Cyan (74%)

Magenta (65%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.1580, 13.7261, -15.9246 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 84.1580, 13.7261, -15.9246 by changing the saturation by 10% instead.

■ 84.1580, 13.7261,
-15.9246

■ 84.1580, 13.7261,
-15.9246

255.0000, 0.0000,
0.0000

■ 60.7450, 13.4367,
-16.4394

■ 134.3860, 14.5997,
-16.1245

■ 37.9190, 12.8579,
-17.4690

■ 160.5000, 15.0365,
-16.2245

■ 17.7020, 11.9789,
-15.5247

■ 187.6140, 15.4733,
-16.3245

■ 2.9810, 8.8834,
-2.6143

■ 215.3150, 15.6207,
-16.9393

■ 0.0000, 0.0000,
0.0000

■ 241.3340, 6.7373,
-14.3249

254.4020, 0.2948,

-1.2296

■ 84.1580, 13.7261,
-15.9246

■ 84.1580, 13.7261,
-15.9246

■ 77.3470, 17.0839,
-19.5983

■ 90.9690, 10.3683,
-12.2508

■ 70.5360, 20.4418,
-23.2721

■ 97.7800, 7.0105,
-8.5771

■ 63.4260, 23.9470,
-27.5606

■ 104.8900, 3.5052,
-4.2885

■ 57.2020, 27.0154,
-31.7492

■ 111.1140, 0.4368,
-0.1000

■ 50.3910, 30.3732,
-35.4229

■ 117.9250, -2.9210,
3.5738

■ 44.4660, 33.2943,
-38.9967

■ 124.7360, -6.2788,
7.2475

■ 131.5470, -9.6367,
10.9213

■ 138.6570,
-13.1419, 15.2098

■ 145.4680,
-16.4997, 18.8836

Harmonies

Analogous

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



80.5650, 13.0325, -26.8055



84.1580, 13.7261, -15.9246



87.2630, 11.2093, -1.9847

Triad

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



84.1580, 13.7261, -15.9246



87.6500, -5.7434, 22.2320



82.6150, -6.2192, -11.9404

Complementary

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



84.1580, 13.7261, -15.9246



93.8420, -13.7261, 15.9246

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.



84.4270, -11.0565, -0.3745



84.1580, 13.7261, -15.9246



86.6620, -10.6794, 18.7134

Square

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



84.1580, 13.7261, -15.9246



88.2350, 0.3771, 19.0879



85.4500, -12.5469, 11.0063



80.4980, 1.2335, -22.3617

Rectangle

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



84.1580, 13.7261, -15.9246



87.6340, 8.5614, 7.3370



85.4500, -12.5469, 11.0063



83.1810, -7.9772, -8.0517

Sweetspot

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



84.1580, 13.7261, -15.9246



134.6340, 5.1104, -5.8180



95.7380, -2.8288, -26.0802



68.0750, 2.9210, -3.5738



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.



84.1580, 13.7261, -15.9246



102.0520, 21.1734, -24.6016



71.5430, 19.9453, -3.9842



52.4450, 1.7526, -2.1443



47.1390, 35.9205, -41.3409



97.4240, 73.7410, -85.4408

Inverse Universe

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



82.2620, 2.8288, 26.0802



99.1050, 4.3852, 40.2499



106.4570, -19.9453, 3.9842



52.1360, 0.4260, 3.3887



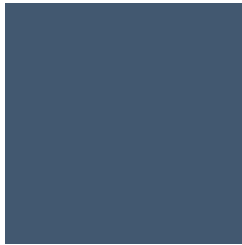
42.3780, 7.2086, 68.0745



87.3050, 15.1326, 140.0525

Previews

White Background



This preview shows how the YUV color 84.1580, 13.7261, -15.9246 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 84.1580, 13.7261, -15.9246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

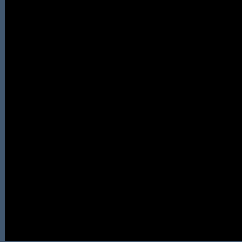
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

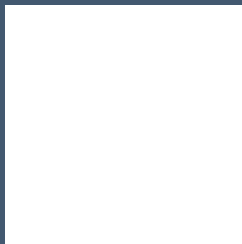
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 84.1580, 13.7261, -15.9246

Background



This preview shows how black text looks on a background with the YUV color 84.1580, 13.7261, -15.9246.



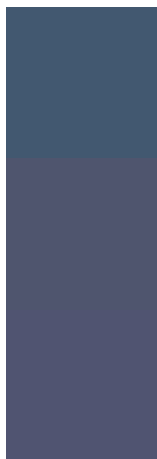
This preview shows how white text looks on a background with the YUV color 84.1580, 13.7261,

-15.9246.

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

84.1580, 13.7261, -15.9246

Protanopia

86.0560, 11.8044, -6.1881

Deuteranopia

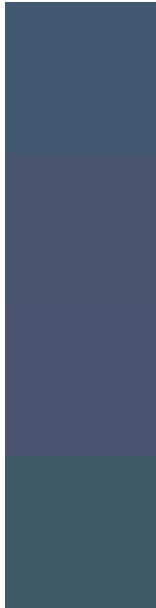
86.1100, 13.2568, -5.3585



Tritanopia

83.1270, 7.3324, -18.5284

Trichromacy



Original Color

84.1580, 13.7261, -15.9246

Protanomaly

85.2620, 12.6888, -9.8768

Deuteranomaly

85.2020, 13.7044, -8.9472

Tritanomaly

83.4090, 9.6584, -17.8987

Monochromacy



Original Color

84.1580, 13.7261, -15.9246

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.6340, 5.1104, -5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1580, 13.7261, -15.9246 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(66, 88, 112)` looks like.

```
.text, #text, p{  
    color:rgb(66, 88, 112)  
}
```

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(66, 88, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 88, 112) }
```

Border

The CSS property to change the border of an element to YUV 84.1580, 13.7261, -15.9246 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(66, 88, 112) }
```


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

```
.border{ border-color:rgb(66, 88, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 88, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 88, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 88, 112);  
box-shadow:4px 4px 4px 4px rgb(66, 88,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 84.1580, 13.7261, -15.9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 88, 112) }
```

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

```
.background{ background-color: rgb(66, 88,  
112) }
```

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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