

Converting Colors

YUV(84.0120, -4.9359, -3.5185)

Have a look what the booklet for
YUV(84.0120, -4.9359, -3.5185)
contains.

YUV(84.0120, -4.9359, -3.5185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.0120, -4.9359,
-3.5185)**

Conversions

Conversions Part 1

Format	Color
Hex	50584A
RGB	80, 88, 74
RGB Percent	31%, 35%, 29%
CMY	0.6863, 0.6549, 0.7098
CMYK	0.09, 0.00, 0.16, 0.65
HSL	94°, 9%, 32%
HSV	94°, 16%, 35%
XYZ	8.0340, 9.1793, 7.8269
YIQ	84.0120, -0.2740, -6.0500

Conversions

Conversions Part 2

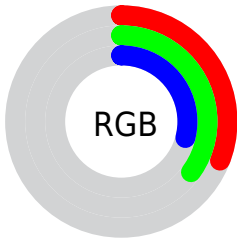
Format	Color
RYB	74, 88, 82
Decimal	5265482
CIELab	36.33, -6.12, 7.06
CIELCh	36, 9.341, 130.898
Yxy	9.1793, 0.3208, 0.3666
Android (android.graphics.Color)	4283455562 (0xFF50584A)
YUV	84.0120, -4.9359, -3.5185
Hunter-Lab	30.2974, -5.6873, 5.8914

Details

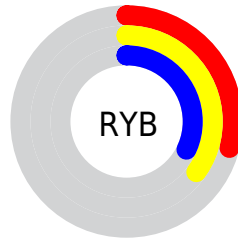
The YUV color **84.0120, -4.9359, -3.5185** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **77.9880, 4.9359, 3.5185**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5990, -5.2253, -4.0333**, and **39.1260, -4.4991, -3.6185** is the 20% darker color. If you saturate the color by 10%, you get **81.4910, -8.1301, -5.6926**, and if you desaturate by 10%, it is **86.5330, -1.7418, -1.3444**.

Distribution



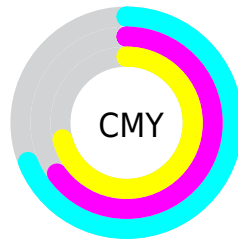
- Red (31%)
- Green (35%)
- Blue (29%)



- Red (29%)
- Yellow (35%)
- Blue (32%)



- Cyan (9%)
- Magenta (0%)
- Yellow (16%)
- Black (65%)



- Cyan (69%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0120, -4.9359, -3.5185 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 84.0120, -4.9359, -3.5185 by changing the saturation by 10% instead.

■ 84.0120, -4.9359,
-3.5185

■ 84.0120, -4.9359,
-3.5185

255.0000, 0.0000,
0.0000

■ 61.0120, -4.9359,
-3.5185

■ 133.5990, -5.2253,
-4.0333

■ 39.1260, -4.4991,
-3.6185

■ 159.4850, -5.6621,
-3.9333

■ 18.0830, -5.9569,
-2.7038

■ 186.4850, -5.6621,
-3.9333

■ 0.0000, 0.0000,
0.0000

■ 214.3710, -6.0989,
-3.8334

■ 243.0720, -5.9515,
-4.4481

■ 84.0120, -4.9359,
-3.5185

■ 84.0120, -4.9359,
-3.5185

■ 81.4910, -8.1301,
-5.6926

■ 86.5330, -1.7418,
-1.3444

■ 78.9700, -11.3242,
-7.8667

■ 89.0540, 1.4524,
0.8296

■ 76.5630, -14.0816,
-10.1408

■ 91.4610, 4.2097,
3.1037

■ 74.0420, -17.2757,
-12.3148

■ 93.9820, 7.4039,
5.2778

■ 71.5210, -20.4699,
-14.4889

■ 96.5030, 10.5980,
7.4519

■ 69.0000, -23.6640,
-16.6630

■ 99.0240, 13.7922,
9.6260

■ 66.4790, -26.8581,
-18.8371

■ 101.5450, 16.9863,
11.8000

■ 64.0720, -29.6155,

■ 103.9520, 19.7437,

-21.1111

14.0741

■ 63.0180, -31.0679,
-21.9408

■ 106.4730, 22.9378,
16.2482

Harmonies

Analogous

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



85.1870, -6.9942, 3.3440



84.0120, -4.9359, -3.5185



82.8910, -1.4253, -9.5514

Triad

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



84.0120, -4.9359, -3.5185



84.4700, 7.1633, -10.9362



86.6210, -1.7852, 12.6104

Complementary

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



84.0120, -4.9359, -3.5185



77.9880, 4.9359, 3.5185

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.



87.2230, 1.8621, 9.4514



84.0120, -4.9359, -3.5185



85.5140, 7.1416, -3.9588

Square

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



84.0120, -4.9359, -3.5185



82.8070, 6.0111, -14.7397



86.6890, 5.0833, 2.9037



86.1110, -4.9847, 12.1807

Rectangle

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



84.0120, -4.9359, -3.5185



82.8520, 1.0590, -13.0252



86.6890, 5.0833, 2.9037



86.5500, -0.7641, 11.7957

Sweetspot

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



84.0120, -4.9359, -3.5185



113.1200, -2.0312, -1.8592



82.8820, -4.3788, 4.4885



57.9460, -1.4524, -0.8296



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



84.0120, -4.9359, -3.5185



108.6050, -7.6933, -5.7926



82.3320, -3.6147, -7.3072



41.9460, -1.4524, -0.8296



76.5630, -37.7456, -26.8038



168.1440, -82.8950, -58.8853

Inverse Universe

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



77.9880, 4.9359, 3.5185



99.0960, 7.8407, 5.1778



79.6680, 3.6147, 7.3072



40.0540, 1.4524, 0.8296



30.4370, 37.7456, 26.8038



66.8560, 82.8950, 58.8853

Previews

White Background



This preview shows how the YUV color 84.0120, -4.9359, -3.5185 looks on a white background.

Color Contrast Check

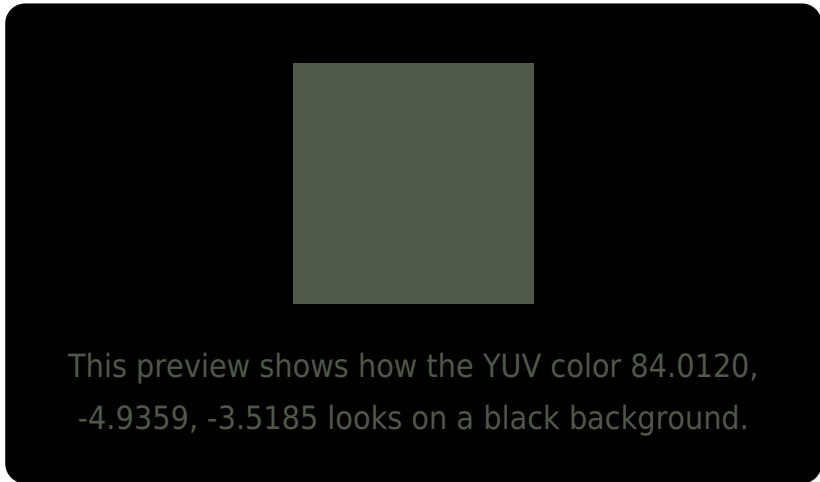
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

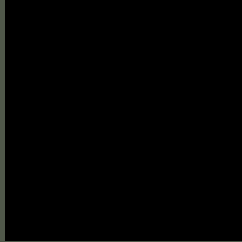
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

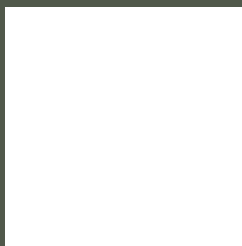
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 84.0120, -4.9359, -3.5185

Background



This preview shows how black text looks on a background with the YUV color 84.0120, -4.9359, -3.5185.



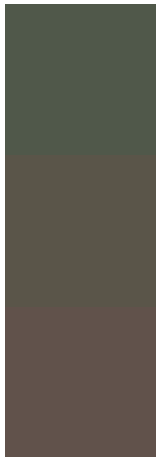
This preview shows how white text looks on a background with the YUV color 84.0120, -4.9359,

-3.5185.

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

84.0120, -4.9359, -3.5185

Protanopia

85.1270, -5.9786, 4.2736

Deuteranopia

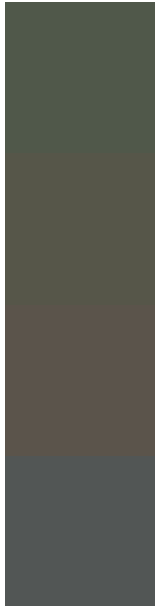
85.6870, -5.2687, 9.9215



Tritanopia

85.2000, 3.3524, -1.9294

Trichromacy



Original Color

84.0120, -4.9359, -3.5185

Protanomaly

84.5180, -5.6784, 1.2997

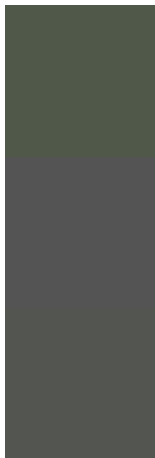
Deuteranomaly

85.0670, -4.9630, 5.2032

Tritanomaly

84.6900, 0.1528, -2.3591

Monochromacy



Original Color

84.0120, -4.9359, -3.5185

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0120, -4.9359, -3.5185 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(80, 88, 74)` looks like.

```
.text, #text, p{  
    color:rgb(80, 88, 74)  
}
```

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(80, 88, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 88, 74) }
```

Border

The CSS property to change the border of an element to YUV 84.0120, -4.9359, -3.5185 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(80, 88, 74) }
```


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

```
.border{ border-color:rgb(80, 88, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 88, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 88, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 88, 74);  
box-shadow:4px 4px 4px 4px rgb(80, 88, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.0120, -4.9359, -3.5185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 88, 74) }
```

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

```
.background{ background-color: rgb(80, 88,  
74) }
```

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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