

Converting Colors

YUV(88.3420, -2.1406, -13.4549)

Have a look what the booklet for
YUV(88.3420, -2.1406, -13.4549)
contains.

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Color

**YUV(88.3420, -2.1406,
-13.4549)**

Conversions

Conversions Part 1

Format	Color
Hex	496154
RGB	73, 97, 84
RGB Percent	29%, 38%, 33%
CMY	0.7137, 0.6196, 0.6706
CMYK	0.25, 0.00, 0.13, 0.62
HSL	148°, 14%, 33%
HSV	148°, 25%, 38%
XYZ	8.6226, 10.6059, 9.9802
YIQ	88.3420, -10.1310, -9.1310

Conversions

Conversions Part 2

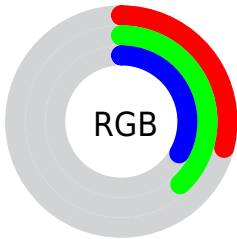
Format	Color
R_YB	73, 89, 97
Decimal	4809044
CIE Lab	38.91, -12.01, 4.49
CIE LCh	39, 12.823, 159.483
Yxy	10.6059, 0.2952, 0.3631
Android (android.graphics.Color)	4282999124 (0xFF496154)
YUV	88.3420, -2.1406, -13.4549
Hunter-Lab	32.5668, -9.7311, 4.6271

Details

The YUV color **88.3420, -2.1406, -13.4549** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81.6580, 2.1406, 13.4549**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6300, -2.2826, -14.5845**, and **42.7550, -1.8512, -12.9401** is the 20% darker color. If you saturate the color by 10%, you get **84.7820, -2.8505, -19.1028**, and if you desaturate by 10%, it is **91.9020, -1.4307, -7.8071**.

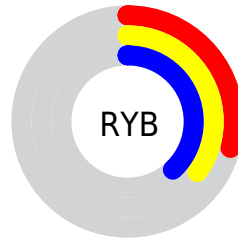
Distribution



 Red (29%)

 Green (38%)

 Blue (33%)



 Red (29%)

 Yellow (35%)

 Blue (38%)

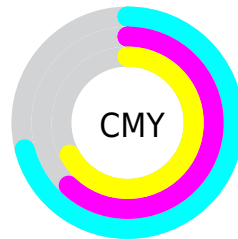


 Cyan (25%)

 Magenta (0%)

 Yellow (13%)

 Black (62%)



 Cyan (71%)

 Magenta (62%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3420, -2.1406, -13.4549 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 88.3420, -2.1406, -13.4549 by changing the saturation by 10% instead.

■ 88.3420, -2.1406,
-13.4549

■ 88.3420, -2.1406,
-13.4549

255.0000, 0.0000,
0.0000

■ 64.7550, -1.8512,
-12.9401

■ 138.6300, -2.2826,
-14.5845

■ 42.7550, -1.8512,
-12.9401

■ 164.6300, -2.2826,
-14.5845

■ 21.5700, -1.2670,
-13.6549

■ 192.2170, -2.5720,
-15.0993

■ 0.0000, 0.0000,
0.0000

■ 219.8040, -2.8614,
-15.6141

■ 246.1570, -1.5564,
-14.1697

■ 88.3420, -2.1406,
-13.4549

■ 88.3420, -2.1406,
-13.4549

■ 84.7820, -2.8505,
-19.1028

■ 91.9020, -1.4307,
-7.8071

■ 81.4070, -4.1447,
-24.0359

■ 95.2770, -0.1366,
-2.8739

■ 77.8470, -4.8546,
-29.6838

■ 98.8370, 0.5734,
2.7740

■ 74.2870, -5.5645,
-35.3317

■ 102.3970, 1.2833,
8.4218

■ 70.7270, -6.2744,
-40.9796

■ 105.9570, 1.9932,
14.0697

■ 67.3520, -7.5685,
-45.9127

■ 109.3320, 3.2873,
19.0028

■ 63.7920, -8.2785,
-51.5606

■ 112.8920, 3.9972,
24.6507

■ 61.9550, -8.8518,

■ 116.4520, 4.7072,

-54.3345

30.2986

■ 119.7130, 5.5645,
35.3317

Harmonies

Analogous

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



89.4310, -7.1145, -4.7630



88.3420, -2.1406, -13.4549



87.7910, 3.5540, -19.9877

Triad

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



88.3420, -2.1406, -13.4549



91.3010, 10.2046, -6.4030



92.9760, -6.8902, 16.6840

Complementary

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



88.3420, -2.1406, -13.4549



81.6580, 2.1406, 13.4549

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.



93.2410, -2.0908, 17.3286



88.3420, -2.1406, -13.4549



93.2700, 7.2619, 4.1482

Square

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



88.3420, -2.1406, -13.4549



89.6480, 10.5265, -16.3543



93.4730, 2.7248, 12.7402



92.1450, -9.9315, 12.1508

Rectangle

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



88.3420, -2.1406, -13.4549



87.2900, 6.7590, -21.3023



93.4730, 2.7248, 12.7402



93.0300, -5.4378, 17.5137

Sweetspot

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



88.3420, -2.1406, -13.4549



121.7390, -0.8573, -5.0331



90.9750, -8.8617, -4.3631



62.1630, -0.5734, -2.7740



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



88.3420, -2.1406, -13.4549



111.3580, -3.1345, -21.3620



89.7100, 3.1010, -14.6547



46.5760, -0.2840, -2.2592



71.5580, -10.1351, -62.7564



153.4200, -21.4061, -134.5493

Inverse Universe

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



81.6580, 2.1406, 13.4549



100.7560, 3.5713, 21.2620



80.2900, -3.1010, 14.6547



45.4240, 0.2840, 2.2592



40.4420, 10.1351, 62.7564



86.5800, 21.4061, 134.5493

Previews

White Background



This preview shows how the YUV color 88.3420, -2.1406, -13.4549 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 88.3420, -2.1406, -13.4549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

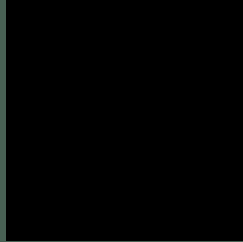
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3420, -2.1406, -13.4549

Background



This preview shows how black text looks on a background with the YUV color 88.3420, -2.1406, -13.4549.



This preview shows how white text looks on a background with the YUV color 88.3420, -2.1406, -13.4549.

-13.4549.

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

88.3420, -2.1406, -13.4549

Protanopia

91.0560, -4.9576, 3.4589

Deuteranopia

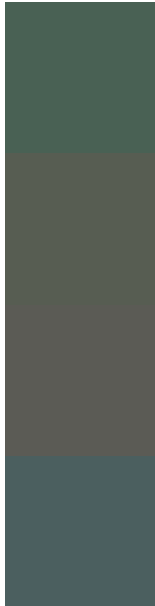
91.9580, -2.9373, 8.8068



Tritanopia

89.5300, 6.1477, -11.8658

Trichromacy



Original Color

88.3420, -2.1406, -13.4549

Protanomaly

89.9520, -3.9203, -2.5889

Deuteranomaly

90.3160, -2.6208, 0.5999

Tritanomaly

89.0200, 2.9481, -12.2955

Monochromacy



Original Color

88.3420, -2.1406, -13.4549

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1520, -0.5679, -4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3420, -2.1406, -13.4549 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(73, 97, 84)` looks like.

```
.text, #text, p{  
    color:rgb(73, 97, 84)  
}
```

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(73, 97, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 97, 84) }
```

Border

The CSS property to change the border of an element to YUV 88.3420, -2.1406, -13.4549 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(73, 97, 84) }
```


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

```
.border{ border-color:rgb(73, 97, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 97, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 97, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 97, 84);  
box-shadow:4px 4px 4px 4px rgb(73, 97, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.3420, -2.1406, -13.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 97, 84) }
```

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

```
.background{ background-color: rgb(73, 97,  
84) }
```

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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