

Converting Colors

YUV(98.4270, -14.5075,
-13.5295)

Have a look what the booklet for
YUV(98.4270, -14.5075, -13.5295)
contains.

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Color

**YUV(98.4270, -14.5075,
-13.5295)**

Conversions

Conversions Part 1

Format	Color
Hex	537045
RGB	83, 112, 69
RGB Percent	33%, 44%, 27%
CMY	0.6745, 0.5608, 0.7294
CMYK	0.26, 0.00, 0.38, 0.56
HSL	100°, 24%, 35%
HSV	100°, 38%, 44%
XYZ	10.4356, 13.8570, 7.7549
YIQ	98.4270, -3.4810, -19.5210

Conversions

Conversions Part 2

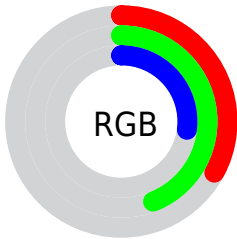
Format	Color
RYB	69, 112, 98
Decimal	5468229
CIELab	44.03, -19.32, 20.59
CIELCh	44, 28.234, 133.168
Yxy	13.8570, 0.3256, 0.4324
Android (android.graphics.Color)	4283658309 (0xFF537045)
YUV	98.4270, -14.5075, -13.5295
Hunter-Lab	37.2250, -15.1032, 13.7059

Details

The YUV color **98.4270, -14.5075, -13.5295** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **82.5730, 14.5075, 13.5295**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4870, -15.5231, -14.4591**, and **51.1820, -12.9077, -13.3146** is the 20% darker color. If you saturate the color by 10%, you get **94.7810, -18.1330, -17.3479**, and if you desaturate by 10%, it is **102.0730, -10.8820, -9.7110**.

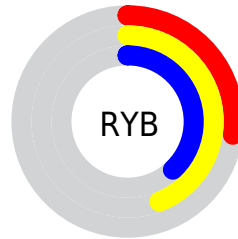
Distribution



Red (33%)

Green (44%)

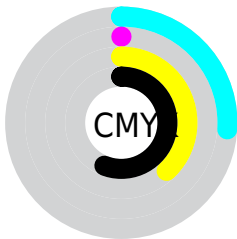
Blue (27%)



Red (27%)

Yellow (44%)

Blue (38%)

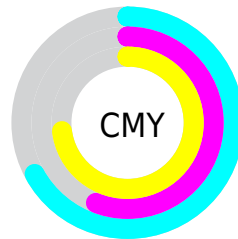


Cyan (26%)

Magenta (0%)

Yellow (38%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4270, -14.5075, -13.5295 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 98.4270, -14.5075, -13.5295 by changing the saturation by 10% instead.

■ 98.4270, -14.5075,
-13.5295

■ 98.4270, -14.5075,
-13.5295

255.0000, 0.0000,
0.0000

■ 73.9540, -13.7813,
-13.1147

■ 149.4870,
-15.5231, -14.4591

■ 51.1820, -12.9077,
-13.3146

■ 176.3730,
-15.9599, -14.3591

■ 29.4380, -14.5129,
-11.7851

■ 203.8460,
-16.6861, -14.7739

■ 13.5010, -6.6560,
-11.8404

■ 231.8460,
-16.6861, -14.7739

■ 0.0000, 0.0000,
0.0000

■ 248.4050,
-11.0457, -3.8632

254.8860, -0.4368,

0.1000

■ 98.4270, -14.5075,
-13.5295

■ 98.4270, -14.5075,
-13.5295

■ 94.7810, -18.1330,
-17.3479

■ 102.0730,
-10.8820, -9.7110

■ 91.4340, -21.9060,
-20.5516

■ 105.4200, -7.1091,
-6.5073

■ 87.6740, -25.9683,
-24.2701

■ 109.1800, -3.0467,
-2.7889

■ 84.3270, -29.7412,
-27.4738

■ 112.5270, 0.7262,
0.4148

■ 80.6810, -33.3667,
-31.2922

■ 116.1730, 4.3517,
4.2333

■ 77.3340, -37.1397,
-34.4959

■ 119.5200, 8.1246,
7.4370

■ 76.5080, -37.7184,
-35.5255

■ 123.1660, 11.7502,
11.2554

■ 126.6270, 15.9599,
14.3591

■ 130.2730, 19.5854,
18.1776

Harmonies

Analogous

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



101.4250, -21.4085, 6.6433



98.4270, -14.5075, -13.5295



93.9000, -1.9227, -36.7463

Triad

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



98.4270, -14.5075, -13.5295



94.2990, 26.4746, -44.9892



105.8630, -5.3555, 37.8311

Complementary

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



98.4270, -14.5075, -13.5295



82.5730, 14.5075, 13.5295

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.



106.6800, 5.5808, 30.0986



98.4270, -14.5075, -13.5295



103.2750, 23.0354, -15.1502

Square

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



98.4270, -14.5075, -13.5295



82.8950, 25.6878, -72.6989



106.7900, 15.3865, 11.5852



104.5070, -15.5330, 35.5124

Rectangle

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



98.4270, -14.5075, -13.5295



87.9500, 8.8986, -54.3302



106.7900, 15.3865, 11.5852



105.7750, -1.8611, 37.0313

Sweetspot

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



98.4270, -14.5075, -13.5295



139.7730, -5.8041, -5.0629



98.8800, -14.7308, 11.5062



70.7670, -3.3361, -3.3037



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.



98.4270, -14.5075, -13.5295



123.9070, -22.6322, -20.9664



95.0390, -9.3862, -22.8362



54.1200, -2.0312, -1.8592



82.1010, -40.4758, -37.7996



169.2080, -83.4195, -77.3584

Inverse Universe

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



82.5730, 14.5075, 13.5295



99.3920, 22.4847, 21.5812



85.9610, 9.3862, 22.8362



51.8800, 2.0312, 1.8592



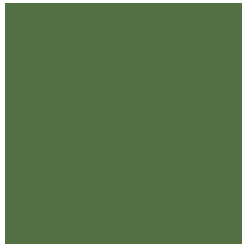
37.8990, 40.4758, 37.7996



78.0910, 83.2721, 77.9732

Previews

White Background



This preview shows how the YUV color 98.4270, -14.5075, -13.5295 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 98.4270, -14.5075, -13.5295 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 98.4270, -14.5075, -13.5295

Background



This preview shows how black text looks on a background with the YUV color 98.4270, -14.5075, -13.5295.



This preview shows how white text looks on a background with the YUV color 98.4270, -14.5075, -13.5295.

-13.5295.

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

98.4270, -14.5075, -13.5295

Protanopia

102.3590, -17.9250, 9.3322

Deuteranopia

103.3970, -15.4787, 18.0688



Tritanopia

102.2420, 6.2897, -10.7362

Trichromacy



Original Color

98.4270, -14.5075, -13.5295

Protanomaly

100.9450, -16.7349, 0.9252

Deuteranomaly

101.7330, -15.1514, 6.3732

Tritanomaly

100.5810, -1.2724, -11.9105

Monochromacy



Original Color

98.4270, -14.5075, -13.5295

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1860, -5.5147, -4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4270, -14.5075, -13.5295 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(83, 112, 69)` looks like.

```
.text, #text, p{  
    color:rgb(83, 112, 69)  
}
```

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(83, 112, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 112, 69) }
```

Border

The CSS property to change the border of an element to YUV 98.4270, -14.5075, -13.5295 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(83, 112, 69) }
```


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

```
.border{ border-color:rgb(83, 112, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 112, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 112, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 112, 69);  
box-shadow:4px 4px 4px 4px rgb(83, 112,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 98.4270, -14.5075, -13.5295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 112, 69) }
```

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

```
.background{ background-color: rgb(83, 112,  
69) }
```

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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