

Converting Colors

YUV(84.9810, -4.9206, -55.2343)

Have a look what the booklet for
YUV(84.9810, -4.9206, -55.2343)
contains.

YUV(84.9810, -4.9206, -55.2343)	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(84.9810, -4.9206,
-55.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	16774B
RGB	22, 119, 75
RGB Percent	9%, 47%, 29%
CMY	0.9137, 0.5333, 0.7059
CMYK	0.82, 0.00, 0.37, 0.53
HSL	153°, 69%, 28%
HSV	153°, 82%, 47%
XYZ	8.1977, 13.8722, 8.9022
YIQ	84.9810, -43.6880, -34.2480

Conversions

Conversions Part 2

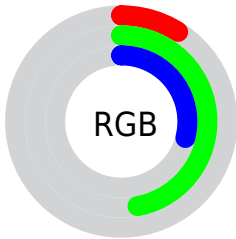
Format	Color
R_{YB}	22, 85, 119
Decimal	1472331
CIE _{Lab}	44.05, -37.92, 16.73
CIE _{LCh}	44, 41.446, 156.195
Yxy	13.8722, 0.2647, 0.4479
Android (android.graphics.Color)	4279662411 (0xFF16774B)
YUV	84.9810, -4.9206, -55.2343
Hunter-Lab	37.2454, -25.8917, 11.9007

Details

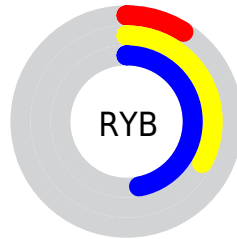
The YUV color **84.9810, -4.9206, -55.2343** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **56.0190, 4.9206, 55.2343**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9170, -7.8471, -49.9162**, and **43.9230, -6.8640, -38.5205** is the 20% darker color. If you saturate the color by 10%, you get **80.8230, -5.3357, -62.1118**, and if you desaturate by 10%, it is **89.1390, -4.5055, -48.3569**.

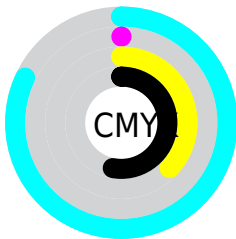
Distribution



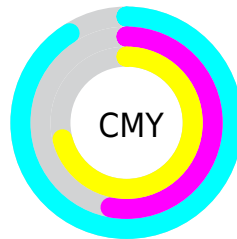
- Red (9%)
- Green (47%)
- Blue (29%)



- Red (9%)
- Yellow (33%)
- Blue (47%)



- Cyan (82%)
- Magenta (0%)
- Yellow (37%)
- Black (53%)



- Cyan (91%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9810, -4.9206, -55.2343 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 84.9810, -4.9206, -55.2343 by changing the saturation by 10% instead.

■ 84.9810, -4.9206,
-55.2343

■ 84.9810, -4.9206,
-55.2343

255.0000, 0.0000,
0.0000

■ 61.1060, -4.4893,
-53.5900

■ 139.9170, -7.8471,
-49.9162

■ 43.9230, -6.8640,
-38.5205

■ 167.6890, -8.7207,
-49.7163

■ 27.9140, -9.8176,
-24.4806

■ 195.5750, -9.1575,
-49.6163

■ 13.5010, -6.6560,
-11.8404

■ 222.8740, -9.3049,
-49.0015

■ 0.0000, 0.0000,
0.0000

■ 234.5520, -0.7651,
-34.6871

■ 245.7310, 4.5696,

-19.0581

254.4020, 0.2948,
-1.2296

■ 84.9810, -4.9206,
-55.2343

■ 84.9810, -4.9206,
-55.2343

■ 80.8230, -5.3357,
-62.1118

■ 89.1390, -4.5055,
-48.3569

■ 77.2630, -6.0457,
-67.7597

■ 93.4110, -3.6536,
-41.5794

■ 97.5690, -3.2385,
-34.7020

■ 101.8410, -2.3866,
-27.9246

■ 105.9990, -1.9715,
-21.0471

■ 109.8580, -1.4090,
-14.7845

■ 114.1300, -0.5571,
-8.0070

■ 118.2880, -0.1420,
-1.1296

■ 122.5600, 0.7099,
5.6479

Harmonies

Analogous

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



95.9680, -25.1272, -14.0039



84.9810, -4.9206, -55.2343



83.5670, 13.0315, -73.2883

Triad

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



84.9810, -4.9206, -55.2343



96.5950, 37.6677, -41.7408



102.5200, -18.4974, 53.0410

Complementary

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



84.9810, -4.9206, -55.2343



56.0190, 4.9206, 55.2343

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.



103.9560, -2.9363, 55.2896



84.9810, -4.9206, -55.2343



106.6290, 26.3119, 7.3414

Square

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



84.9810, -4.9206, -55.2343



86.5430, 39.6653, -75.8982



106.9830, 12.8264, 39.4799



101.9190, -30.5261, 37.7820

Rectangle

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



84.9810, -4.9206, -55.2343



86.1890, 23.0778, -75.5878



106.9830, 12.8264, 39.4799



103.2090, -13.4140, 55.9447

Sweetspot

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



84.9810, -4.9206, -55.2343



142.7000, -1.8241, -21.6619



92.3940, -34.7042, -22.2705



70.9830, -0.9776, -13.1401



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



84.9810, -4.9206, -55.2343



102.2730, -8.0226, -87.0624



88.2360, 15.1667, -58.0890



56.8640, -0.4260, -3.3887



79.2520, -6.0402, -69.5040



162.3680, -12.5064, -142.3967

Inverse Universe

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



56.0190, 4.9206, 55.2343



56.6130, 7.5858, 87.1624



52.7640, -15.1667, 58.0890



55.0220, -0.0108, 3.4887



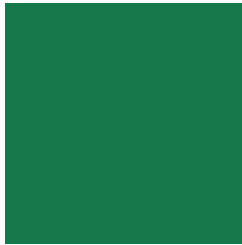
42.8620, 6.4770, 69.4040



87.6320, 12.5064, 142.3967

Previews

White Background



This preview shows how the YUV color 84.9810, -4.9206, -55.2343 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 84.9810, -4.9206, -55.2343 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 84.9810, -4.9206, -55.2343

Background



This preview shows how black text looks on a background with the YUV color 84.9810, -4.9206, -55.2343.



This preview shows how white text looks on a background with the YUV color 84.9810, -4.9206, -55.2343.

-55.2343.

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

84.9810, -4.9206, -55.2343

Protanopia

102.4020, -16.4672, 8.4174

Deuteranopia

103.5970, -12.1263, 16.1394



Tritanopia

94.2920, 13.6600, -41.4751

Trichromacy



Original Color

84.9810, -4.9206, -55.2343

Protanomaly

95.6980, -12.1761, -14.6441

Deuteranomaly

96.8280, -9.2822, -9.4962

Tritanomaly

90.8370, 6.9824, -46.3380

Monochromacy



Original Color

84.9810, -4.9206, -55.2343

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7110, -1.8295, -19.9175

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9810, -4.9206, -55.2343 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(22, 119, 75)` looks like.

```
.text, #text, p{  
    color:rgb(22, 119, 75)  
}
```

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(22, 119, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 119, 75) }
```

Border

The CSS property to change the border of an element to YUV 84.9810, -4.9206, -55.2343 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(22, 119, 75) }
```


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

```
.border{ border-color:rgb(22, 119, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 119, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 119, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 119, 75);  
box-shadow:4px 4px 4px 4px rgb(22, 119,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 84.9810, -4.9206, -55.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 119, 75) }
```

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

```
.background{ background-color: rgb(22, 119,  
75) }
```

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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