

Converting Colors

YUV(150.3810, -24.8378,
-13.4891)

Have a look what the booklet for
YUV(150.3810, -24.8378, -13.4891)
contains.

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Color

**YUV(150.3810, -24.8378,
-13.4891)**

Conversions

Conversions Part 1

Format	Color
Hex	87A864
RGB	135, 168, 100
RGB Percent	53%, 66%, 39%
CMY	0.4706, 0.3412, 0.6078
CMYK	0.20, 0.00, 0.40, 0.34
HSL	89°, 28%, 53%
HSV	89°, 40%, 66%
XYZ	26.2946, 34.0763, 17.2481
YIQ	150.3810, 2.1600, -28.1440

Conversions

Conversions Part 2

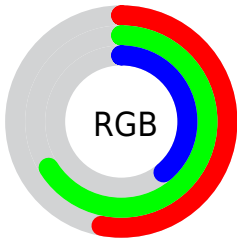
Format	Color
RYB	100, 168, 133
Decimal	8890468
CIELab	65.02, -23.44, 31.48
CIELCh	65, 39.248, 126.674
Yxy	34.0763, 0.3388, 0.4390
Android (android.graphics.Color)	4287080548 (0xFF87A864)
YUV	150.3810, -24.8378, -13.4891
Hunter-Lab	58.3749, -21.7520, 23.3439

Details

The YUV color **150.3810, -24.8378, -13.4891** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **117.6190, 24.8378, 13.4891**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.7400, -26.0008, -13.8040**, and **99.1360, -23.2380, -13.2743** is the 20% darker color. If you saturate the color by 10%, you get **146.0510, -31.0841, -16.7077**, and if you desaturate by 10%, it is **154.7110, -18.5915, -10.2705**.

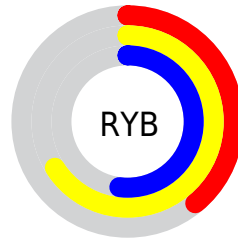
Distribution



Red (53%)

Green (66%)

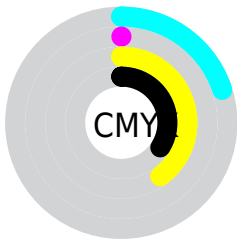
Blue (39%)



Red (39%)

Yellow (66%)

Blue (52%)

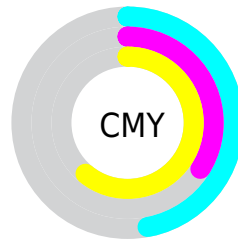


Cyan (20%)

Magenta (0%)

Yellow (40%)

Black (34%)



Cyan (47%)

Magenta (34%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3810, -24.8378, -13.4891 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 150.3810, -24.8378, -13.4891 by changing the saturation by 10% instead.

■ 150.3810,
-24.8378, -13.4891

■ 150.3810,
-24.8378, -13.4891

■ 255.0000, 0.0000,
0.0000

■ 123.9080,
-24.1116, -13.0743

■ 204.7400,
-26.0008, -13.8040

■ 99.1360, -23.2380,
-13.2743

■ 233.2130,
-26.7270, -14.2188

■ 74.2500, -22.8012,
-13.3742

■ 246.8370,
-19.6396, -0.7340

■ 50.2500, -22.8012,
-13.3742

■ 252.7200, -8.7360,
1.9996

■ 30.0030, -14.7915,
-15.7886

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,

0.0000

■ 150.3810,
-24.8378, -13.4891

■ 150.3810,
-24.8378, -13.4891

■ 146.0510,
-31.0841, -16.7077

■ 154.7110,
-18.5915, -10.2705

■ 141.7210,
-37.3305, -19.9263

■ 159.0410,
-12.3452, -7.0520

■ 137.5050,
-43.1400, -23.2449

■ 163.2570, -6.5357,
-3.7334

■ 132.8760,
-49.2389, -27.0783

■ 167.8860, -0.4368,
0.1000

■ 128.5460,
-55.4852, -30.2968

■ 172.2160, 5.8095,
3.3186

■ 124.3300,
-61.2947, -33.6154

■ 176.5460, 12.0558,
6.5372

■ 180.8760, 18.3021,
9.7557

■ 185.0920, 24.1116,
13.0743

■ 189.4220, 30.3580,
16.2929

Harmonies

Analogous

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



154.3910, -33.2238, 16.3201



150.3810, -24.8378, -13.4891



143.7540, -7.2737, -47.1423

Triad

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



150.3810, -24.8378, -13.4891



137.0690, 41.8710, -83.3755



160.7990, -4.8309, 56.3043

Complementary

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



150.3810, -24.8378, -13.4891



117.6190, 24.8378, 13.4891

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.



162.0540, 11.8054, 40.2946



150.3810, -24.8378, -13.4891



154.4930, 35.7460, -32.0044

Square

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



150.3810, -24.8378, -13.4891



125.4110, 36.2794, -109.9854



161.5260, 25.8697, 9.1857



159.0750, -20.2500, 55.1852

Rectangle

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



150.3810, -24.8378, -13.4891



136.3020, 8.2321, -73.9329



161.5260, 25.8697, 9.1857



160.9710, 1.0003, 52.6454

Sweetspot

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



150.3810, -24.8378, -13.4891



212.4480, -9.5879, -4.7779



139.7030, -19.5736, 24.8165



105.7840, -5.8095, -3.3186



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



150.3810, -24.8378, -13.4891



191.2540, -39.0722, -21.2708



140.2150, -19.8260, -34.3916



81.8920, -2.9048, -1.6593



109.6000, -54.0328, -29.4672



15.0290, -7.4093, -3.5334

Inverse Universe

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



117.6190, 24.8378, 13.4891



139.7460, 39.0722, 21.2708



127.7850, 19.8260, 34.3916



78.1080, 2.9048, 1.6593



38.4000, 54.0328, 29.4672



5.2700, 7.2619, 4.1482

Previews

White Background



This preview shows how the YUV color 150.3810, -24.8378, -13.4891 looks on a white 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

Black Background



This preview shows how the YUV color 150.3810, -24.8378, -13.4891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

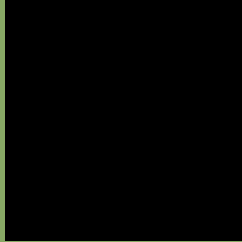
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.3810, -24.8378, -13.4891 Background



This preview shows how black text looks on a background with the YUV color 150.3810, -24.8378, -13.4891.



This preview shows how white text looks on a background with the YUV color 150.3810, -24.8378, -13.4891.

-13.4891.

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

150.3810, -24.8378, -13.4891

Protanopia

154.5310, -28.8558, 15.3203

Deuteranopia

156.4170, -25.8416, 28.5753



Tritanopia

156.2960, 7.7421, -9.9066

Trichromacy



Original Color

150.3810, -24.8378, -13.4891

Protanomaly

153.1060, -27.6603, 5.1690

Deuteranomaly

154.4320, -25.3560, 12.7761

Tritanomaly

153.8970, -3.8932, -11.3107

Monochromacy



Original Color

150.3810, -24.8378, -13.4891

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.5620, -9.1511, -4.8779

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3810, -24.8378, -13.4891 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(135, 168, 100)` looks like.

```
.text, #text, p{  
    color:rgb(135, 168, 100)  
}
```

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(135, 168, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 168, 100) }
```

Border

The CSS property to change the border of an element to YUV 150.3810, -24.8378, -13.4891 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(135, 168, 100) }
```


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

```
.border{ border-color:rgb(135, 168, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 168, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 168, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 168, 100);  
box-shadow:4px 4px 4px 4px rgb(135, 168,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 150.3810, -24.8378, -13.4891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 168, 100) }
```

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

```
.background{ background-color: rgb(135,  
168, 100) }
```

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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