

Converting Colors

YUV(150.3820, -13.0063,
-28.3990)

Have a look what the booklet for
YUV(150.3820, -13.0063, -28.3990)
contains.

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Color

**YUV(150.3820, -13.0063,
-28.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	76AC7C
RGB	118, 172, 124
RGB Percent	46%, 67%, 49%
CMY	0.5373, 0.3255, 0.5137
CMYK	0.31, 0.00, 0.28, 0.33
HSL	127°, 25%, 57%
HSV	127°, 31%, 67%
XYZ	25.8618, 34.8118, 24.4251
YIQ	150.3820, -16.7760, -26.3760

Conversions

Conversions Part 2

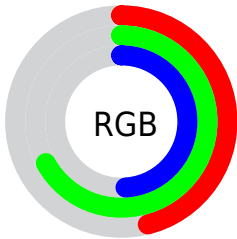
Format	Color
RYB	118, 167, 172
Decimal	7777404
CIELab	65.60, -27.73, 19.17
CIELCh	66, 33.714, 145.346
Yxy	34.8118, 0.3039, 0.4091
Android (android.graphics.Color)	4285967484 (0xFF76AC7C)
YUV	150.3820, -13.0063, -28.3990
Hunter-Lab	59.0016, -25.0118, 16.7566

Details

The YUV color **150.3820, -13.0063, -28.3990** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **139.6180, 13.0063, 28.3990**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4420, -14.0219, -29.3286**, and **98.4360, -11.5539, -27.5694** is the 20% darker color. If you saturate the color by 10%, you get **143.5890, -17.0524, -37.3506**, and if you desaturate by 10%, it is **157.1750, -8.9603, -19.4475**.

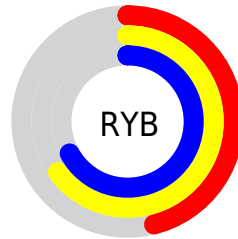
Distribution



Red (46%)

Green (67%)

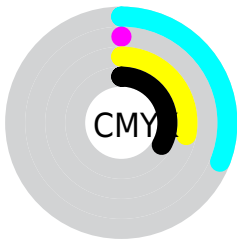
Blue (49%)



Red (46%)

Yellow (65%)

Blue (67%)

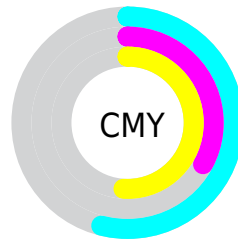


Cyan (31%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3820, -13.0063, -28.3990 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 150.3820, -13.0063, -28.3990 by changing the saturation by 10% instead.

■ 150.3820,
-13.0063, -28.3990

■ 150.3820,
-13.0063, -28.3990

■ 255.0000, 0.0000,
0.0000

■ 123.9090,
-12.2801, -27.9842

■ 205.4420,
-14.0219, -29.3286

■ 98.4360, -11.5539,
-27.5694

■ 232.4420,
-14.0219, -29.3286

■ 73.6640, -10.6804,
-27.7693

■ 244.4190, -5.6296,
-14.3995

■ 49.2940, -9.5119,
-29.1988

■ 28.3870, -10.5438,
-24.8954

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,

0.0000

■ 150.3820,
-13.0063, -28.3990

■ 150.3820,
-13.0063, -28.3990

■ 143.5890,
-17.0524, -37.3506

■ 157.1750, -8.9603,
-19.4475

■ 136.6820,
-21.5352, -46.2021

■ 164.0820, -4.4774,
-10.5959

■ 129.5900,
-25.4339, -55.7684

■ 171.1740, -0.5788,
-1.0296

■ 122.7970,
-29.4799, -64.7200

■ 177.9670, 3.4673,
7.9219

■ 116.0040,
-33.5260, -73.6715

■ 184.7600, 7.5133,
16.8735

■ 109.0970,
-38.0088, -82.5231

■ 191.6670, 11.9962,
25.7250

■ 103.1300,
-41.4761, -90.4450

■ 198.4600, 16.0422,
34.6766

■ 205.2530, 20.0883,
43.6281

■ 206.2790, 24.0195,
42.7283

Harmonies

Analogous

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



154.4580, -24.8758, -1.2787



150.3820, -13.0063, -28.3990



144.0870, 4.3941, -56.2043

Triad

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



150.3820, -13.0063, -28.3990



153.8250, 32.1313, -39.3115



161.5780, -13.1030, 49.4821

Complementary

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



150.3820, -13.0063, -28.3990



139.6180, 13.0063, 28.3990

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.



162.6280, 1.1694, 45.0532



150.3820, -13.0063, -28.3990



160.8510, 26.2025, -4.2543

Square

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



150.3820, -13.0063, -28.3990



142.3280, 32.3763, -71.3247



163.7640, 14.9063, 25.6400



159.6620, -23.9904, 41.5154

Rectangle

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



150.3820, -13.0063, -28.3990



139.8920, 16.8152, -73.5733



163.7640, 14.9063, 25.6400



161.8430, -8.3036, 50.1267

Sweetspot

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



150.3820, -13.0063, -28.3990



215.9680, -4.9142, -10.4959



164.3490, -22.8501, 2.3249



107.1580, -3.0359, -6.2776



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



150.3820, -13.0063, -28.3990



190.0350, -20.2303, -44.7577



153.3460, -1.6496, -30.9984



83.3970, -2.1677, -4.7332



89.9880, -35.9831, -78.9195



13.8430, -5.3456, -12.1403

Inverse Universe

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



139.6180, 13.0063, 28.3990



173.0790, 20.6671, 44.6577



136.6540, 1.6496, 30.9984



81.6030, 2.1677, 4.7332



60.1260, 36.4199, 78.8195



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 150.3820, -13.0063, -28.3990 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 150.3820, -13.0063, -28.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

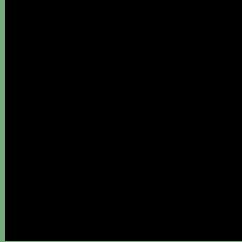
Any Text WCAG AA ✓ Pass

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 150.3820, -13.0063, -28.3990 Background



This preview shows how black text looks on a background with the YUV color 150.3820, -13.0063, -28.3990.



This preview shows how white text looks on a background with the YUV color 150.3820, -13.0063, -28.3990.

-28.3990.

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

150.3820, -13.0063, -28.3990

Protanopia

157.6150, -19.5302, 10.8616

Deuteranopia

158.8320, -15.2002, 22.0723



Tritanopia

155.4190, 11.1324, -24.0465

Trichromacy



Original Color

150.3820, -13.0063, -28.3990

Protanomaly

155.0970, -17.3028, -3.5931

Deuteranomaly

155.6510, -14.1249, 3.8141

Tritanomaly

153.7040, 2.1179, -26.0504

Monochromacy



Original Color

150.3820, -13.0063, -28.3990

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0820, -4.4774, -10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3820, -13.0063, -28.3990 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(118, 172, 124)` looks like.

```
.text, #text, p{  
    color:rgb(118, 172, 124)  
}
```

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(118, 172, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 172, 124) }
```

Border

The CSS property to change the border of an element to YUV 150.3820, -13.0063, -28.3990 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(118, 172, 124) }
```


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

```
.border{ border-color:rgb(118, 172, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 172, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 172, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 172, 124);  
box-shadow:4px 4px 4px 4px rgb(118, 172,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 150.3820, -13.0063, -28.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 172, 124) }
```

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

```
.background{ background-color: rgb(118,  
172, 124) }
```

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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