

Converting Colors

YUV(149.1450, -30.1445,
8.6428)

Have a look what the booklet for
YUV(149.1450, -30.1445, 8.6428)
contains.

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Color

**YUV(149.1450, -30.1445,
8.6428)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9C58
RGB	159, 156, 88
RGB Percent	62%, 61%, 35%
CMY	0.3765, 0.3882, 0.6549
CMYK	0.00, 0.02, 0.45, 0.38
HSL	57°, 29%, 48%
HSV	57°, 45%, 62%
XYZ	27.9480, 31.8524, 13.9076
YIQ	149.1450, 23.6160, -20.5120

Conversions

Conversions Part 2

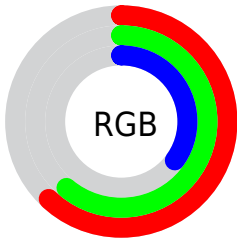
Format	Color
R_{YB}	91, 159, 88
Decimal	10460248
CIE Lab	63.22, -8.98, 35.86
CIE LCh	63, 36.972, 104.060
Yxy	31.8524, 0.3792, 0.4321
Android (android.graphics.Color)	4288650328 (0xFF9F9C58)
YUV	149.1450, -30.1445, 8.6428
Hunter-Lab	56.4380, -10.3735, 24.8961

Details

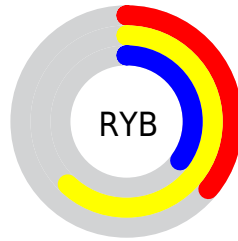
The YUV color **149.1450, -30.1445, 8.6428** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **97.8550, 30.1445, -8.6428**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4010, -31.7497, 10.1723**, and **97.8890, -28.5393, 7.1133** is the 20% darker color. If you saturate the color by 10%, you get **146.7340, -36.8439, 10.7573**, and if you desaturate by 10%, it is **151.5560, -23.4451, 6.5284**.

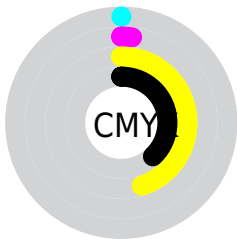
Distribution



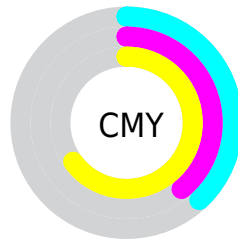
- Red (62%)
- Green (61%)
- Blue (35%)



- Red (36%)
- Yellow (62%)
- Blue (35%)



- Cyan (0%)
- Magenta (2%)
- Yellow (45%)
- Black (38%)



- Cyan (38%)
- Magenta (39%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.1450, -30.1445, 8.6428 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 149.1450, -30.1445, 8.6428 by changing the saturation by 10% instead.

■ 149.1450,
-30.1445, 8.6428

■ 149.1450,
-30.1445, 8.6428

■ 255.0000, 0.0000,
0.0000

■ 123.0740,
-29.1235, 7.8281

■ 203.4010,
-31.7497, 10.1723

■ 97.8890, -28.5393,
7.1133

■ 232.1730,
-32.6233, 10.3723

■ 73.4760, -28.8287,
6.5985

■ 247.9320,
-27.0815, 6.1986

■ 50.7900, -25.0395,
4.5692

■ 251.2380,
-14.4143, 3.2993

■ 31.5860, -15.5719,
1.2401

■ 254.4300, -2.1840,
0.4999

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,

0.0000

■ 149.1450,
-30.1445, 8.6428

■ 149.1450,
-30.1445, 8.6428

■ 146.7340,
-36.8439, 10.7573

■ 151.5560,
-23.4451, 6.5284

■ 144.9100,
-43.8326, 12.3569

■ 153.3800,
-16.4563, 4.9287

■ 142.4990,
-50.5320, 14.4714

■ 155.7910, -9.7570,
2.8143

■ 140.0880,
-57.2314, 16.5858

■ 158.2020, -3.0576,
0.6998

■ 138.2640,
-64.2202, 18.1855

■ 160.0260, 3.9312,
-0.8998

■ 136.7650,
-67.4251, 19.5001

■ 162.3230, 10.1938,
-2.9143

■ 164.7340, 16.8931,
-5.0287

■ 166.5580, 23.8819,
-6.6284

■ 168.9690, 30.5813,
-8.7428

Harmonies

Analogous

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



151.8860, -30.5098, 32.5490



149.1450, -30.1445, 8.6428



144.7160, -19.5800, -19.9219

Triad

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



149.1450, -30.1445, 8.6428



121.1880, 37.8683, -106.2819



156.9250, 7.4320, 43.0388

Complementary

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



149.1450, -30.1445, 8.6428



97.8550, 30.1445, -8.6428

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.



157.0170, 21.1906, 16.6481



149.1450, -30.1445, 8.6428



139.7620, 37.5853, -62.0583

Square

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



149.1450, -30.1445, 8.6428



123.7150, 21.8325, -96.2201



152.2450, 31.9242, -19.5089



155.2780, -8.0251, 54.1302

Rectangle

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



149.1450, -30.1445, 8.6428



141.0430, -8.8952, -40.3797



152.2450, 31.9242, -19.5089



157.4340, 12.1110, 35.5764

Sweetspot

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



149.1450, -30.1445, 8.6428



202.7480, -11.2148, 3.7290



109.6850, -8.7187, 43.2493



102.4750, -7.1362, 2.2144



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



149.1450, -30.1445, 8.6428



191.2970, -47.4744, 13.7715



141.3380, -26.2956, -12.5744



78.0880, -3.4944, 0.7998



123.1760, -60.7258, 17.3856



13.2900, -6.5520, 1.4997

Inverse Universe

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



97.8550, 30.1445, -8.6428



110.7030, 47.4744, -13.7715



105.6620, 26.2956, 12.5744



71.9120, 3.4944, -0.7998



19.8240, 60.7258, -17.3856



2.2970, 6.2626, -2.0145

Previews

White Background



This preview shows how the YUV color 149.1450, -30.1445, 8.6428 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 149.1450, -30.1445, 8.6428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

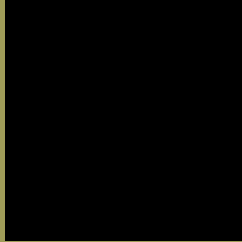
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.1450, -30.1445, 8.6428

Background



This preview shows how black text looks on a background with the YUV color 149.1450, -30.1445, 8.6428.



This preview shows how white text looks on a background with the YUV color 149.1450, -30.1445, 8.6428.

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

149.1450, -30.1445, 8.6428

Protanopia

149.9610, -31.0398, 15.8202

Deuteranopia

151.5760, -30.3570, 30.1898



Tritanopia

154.9350, 2.0040, 10.5810

Trichromacy



Original Color

149.1450, -30.1445, 8.6428

Protanomaly

149.6510, -30.8869, 13.4611

Deuteranomaly

150.8200, -30.4773, 22.0829

Tritanomaly

152.8350, -9.7787, 9.7917

Monochromacy



Original Color

149.1450, -30.1445, 8.6428

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.4490, -11.0674, 3.1142

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1450, -30.1445, 8.6428 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(159, 156, 88)` looks like.

```
.text, #text, p{  
    color:rgb(159, 156, 88)  
}
```

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(159, 156, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 156, 88) }
```

Border

The CSS property to change the border of an element to YUV 149.1450, -30.1445, 8.6428 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(159, 156, 88) }
```


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

```
.border{ border-color:rgb(159, 156, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 156, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 156, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 156, 88);  
box-shadow:4px 4px 4px 4px rgb(159, 156,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 149.1450, -30.1445, 8.6428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 156, 88) }
```

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

```
.background{ background-color: rgb(159,  
156, 88) }
```

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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