

Converting Colors

YUV(152.7800, -29.9645,
-2.4381)

Have a look what the booklet for
YUV(152.7800, -29.9645, -2.4381)
contains.

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Color

**YUV(152.7800, -29.9645,
-2.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	96A65C
RGB	150, 166, 92
RGB Percent	59%, 65%, 36%
CMY	0.4118, 0.3490, 0.6392
CMYK	0.10, 0.00, 0.45, 0.35
HSL	73°, 29%, 51%
HSV	73°, 45%, 65%
XYZ	28.1457, 34.5292, 15.3066
YIQ	152.7800, 14.2180, -26.4060

Conversions

Conversions Part 2

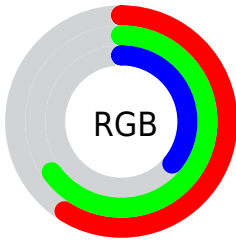
Format	Color
RYB	92, 166, 108
Decimal	9872988
CIELab	65.38, -17.51, 36.32
CIELCh	65, 40.319, 115.739
Yxy	34.5292, 0.3609, 0.4428
Android (android.graphics.Color)	4288063068 (0xFF96A65C)
YUV	152.7800, -29.9645, -2.4381
Hunter-Lab	58.7615, -17.3346, 25.6888

Details

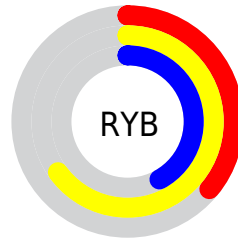
The YUV color **152.7800, -29.9645, -2.4381** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **105.2200, 29.9645, 2.4381**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4380, -31.2749, -2.1381**, and **101.1220, -28.6541, -2.7380** is the 20% darker color. If you saturate the color by 10%, you get **149.6460, -36.8005, -3.1975**, and if you desaturate by 10%, it is **155.9140, -23.1286, -1.6786**.

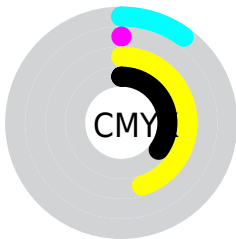
Distribution



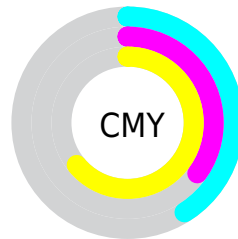
- Red (59%)
- Green (65%)
- Blue (36%)



- Red (36%)
- Yellow (65%)
- Blue (42%)



- Cyan (10%)
- Magenta (0%)
- Yellow (45%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.7800, -29.9645, -2.4381 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 152.7800, -29.9645, -2.4381 by changing the saturation by 10% instead.

■ 152.7800,
-29.9645, -2.4381

■ 152.7800,
-29.9645, -2.4381

■ 255.0000, 0.0000,
0.0000

■ 126.5950,
-29.3803, -3.1528

■ 207.4380,
-31.2749, -2.1381

■ 101.1220,
-28.6541, -2.7380

■ 236.0960,
-32.5853, -1.8382

■ 76.8230, -28.5067,
-3.3528

■ 248.5020,
-24.8975, 5.6987

■ 53.3930, -26.3227,
-3.8527

■ 251.6940,
-12.6671, 2.8994

■ 33.3030, -16.4184,
-7.2817

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,

0.0000

■ 152.7800,
-29.9645, -2.4381

■ 152.7800,
-29.9645, -2.4381

■ 149.6460,
-36.8005, -3.1975

■ 155.9140,
-23.1286, -1.6786

■ 146.9250,
-43.3470, -3.4422

■ 158.6350,
-16.5821, -1.4339

■ 143.7910,
-50.1830, -4.2017

■ 161.7690, -9.7461,
-0.6744

■ 141.0700,
-56.7295, -4.4464

■ 164.4900, -3.1996,
-0.4297

■ 137.9360,
-63.5654, -5.2059

■ 167.6240, 3.6364,
0.3298

■ 136.3120,
-67.2018, -5.5356

■ 170.7580, 10.4723,
1.0892

■ 173.4790, 17.0189,
1.3339

■ 176.6130, 23.8548,
2.0934

■ 179.3340, 30.4013,
2.3381

Harmonies

Analogous

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



156.4030, -34.7087, 25.9566



152.7800, -29.9645, -2.4381



147.4690, -15.0212, -35.4913

Triad

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



152.7800, -29.9645, -2.4381



126.4030, 45.1573, -110.8554



162.0960, 1.4317, 54.2898

Complementary

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



152.7800, -29.9645, -2.4381



105.2200, 29.9645, 2.4381

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.



163.3070, 18.0896, 31.3028



152.7800, -29.9645, -2.4381



149.9960, 39.4420, -50.8625

Square

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



152.7800, -29.9645, -2.4381



125.4450, 31.3326, -110.0153



160.5180, 31.2966, -4.8393



160.3620, -15.4615, 59.3185

Rectangle

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



152.7800, -29.9645, -2.4381



141.3870, -0.6838, -60.8524



160.5180, 31.2966, -4.8393



162.9580, 7.4157, 48.2718

Sweetspot

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



152.7800, -29.9645, -2.4381



212.0140, -11.3459, -0.8893



122.9310, -15.2490, 37.7715



106.7520, -7.2727, -0.6595



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.



152.7800, -29.9645, -2.4381



196.4150, -46.5466, -3.8720



142.0160, -24.6579, -24.5700



82.4900, -3.1996, -0.4297



121.5600, -59.9291, -4.8761



16.5240, -8.1463, -0.4595

Inverse Universe

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



105.2200, 29.9645, 2.4381



122.5850, 46.5466, 3.8720



115.9840, 24.6579, 24.5700



77.5100, 3.1996, 0.4297



26.4400, 59.9291, 4.8761



3.4760, 8.1463, 0.4595

Previews

White Background



This preview shows how the YUV color 152.7800, -29.9645, -2.4381 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 152.7800, -29.9645, -2.4381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

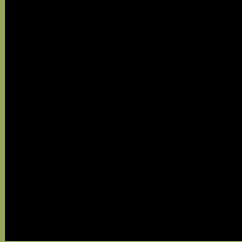
Any Text WCAG AA ✓ Pass

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 152.7800, -29.9645, -2.4381 Background



This preview shows how black text looks on a background with the YUV color 152.7800, -29.9645, -2.4381.



This preview shows how white text looks on a background with the YUV color 152.7800, -29.9645, -2.4381.

-2.4381.

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

152.7800, -29.9645, -2.4381

Protanopia

155.5050, -32.7870, 16.2201

Deuteranopia

156.8750, -30.5044, 30.8046



Tritanopia

158.9660, 4.9468, 0.0298

Trichromacy



Original Color

152.7800, -29.9645, -2.4381

Protanomaly

154.6890, -31.8917, 9.0427

Deuteranomaly

155.2110, -30.1770, 19.1090

Tritanomaly

156.6380, -7.7095, -0.5595

Monochromacy



Original Color

152.7800, -29.9645, -2.4381

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.1280, -10.9091, -0.9893

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.7800, -29.9645, -2.4381 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(150, 166, 92)` looks like.

```
.text, #text, p{  
    color:rgb(150, 166, 92)  
}
```

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(150, 166, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 166, 92) }
```

Border

The CSS property to change the border of an element to YUV 152.7800, -29.9645, -2.4381 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(150, 166, 92) }
```


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

```
.border{ border-color:rgb(150, 166, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 166, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 166, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 166, 92);  
box-shadow:4px 4px 4px 4px rgb(150, 166,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 152.7800, -29.9645, -2.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 166, 92) }
```

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

```
.background{ background-color: rgb(150,  
166, 92) }
```

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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