

Converting Colors

YUV(150.3720, -27.7914,
0.5508)

Have a look what the booklet for
YUV(150.3720, -27.7914, 0.5508)
contains.

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Color

**YUV(150.3720, -27.7914,
0.5508)**

Conversions

Conversions Part 1

Format	Color
Hex	97A15E
RGB	151, 161, 94
RGB Percent	59%, 63%, 37%
CMY	0.4078, 0.3686, 0.6314
CMYK	0.06, 0.00, 0.42, 0.37
HSL	69°, 26%, 50%
HSV	69°, 42%, 63%
XYZ	27.5277, 32.8772, 15.4847
YIQ	150.3720, 15.5470, -22.9570

Conversions

Conversions Part 2

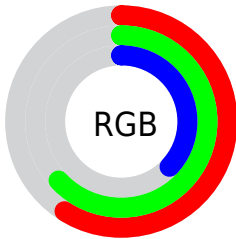
Format	Color
RYB	94, 161, 104
Decimal	9937246
CIELab	64.06, -14.28, 33.64
CIELCh	64, 36.548, 113.000
Yxy	32.8772, 0.3627, 0.4332
Android (android.graphics.Color)	4288127326 (0xFF97A15E)
YUV	150.3720, -27.7914, 0.5508
Hunter-Lab	57.3386, -14.6464, 24.1253

Details

The YUV color **150.3720, -27.7914, 0.5508** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **104.6280, 27.7914, -0.5508**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9160, -29.5386, 0.9507**, and **99.4150, -26.3336, -0.3640** is the 20% darker color. If you saturate the color by 10%, you get **147.9500, -34.4853, 0.9209**, and if you desaturate by 10%, it is **152.7940, -21.0974, 0.1807**.

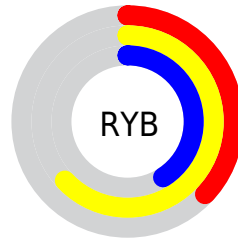
Distribution



Red (59%)

Green (63%)

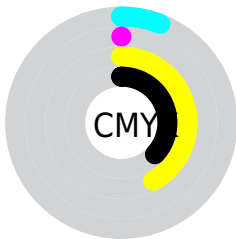
Blue (37%)



Red (37%)

Yellow (63%)

Blue (41%)

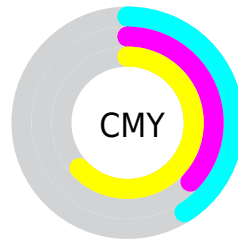


Cyan (6%)

Magenta (0%)

Yellow (42%)

Black (37%)



Cyan (41%)

Magenta (37%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3720, -27.7914, 0.5508 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 150.3720, -27.7914, 0.5508 by changing the saturation by 10% instead.

■ 150.3720,
-27.7914, 0.5508

■ 150.3720,
-27.7914, 0.5508

■ 255.0000, 0.0000,
0.0000

■ 124.3010,
-26.7704, -0.2640

■ 204.9160,
-29.5386, 0.9507

■ 99.4150, -26.3336,
-0.3640

■ 233.1010,
-30.1228, 1.6654

■ 74.5290, -25.8968,
-0.4639

■ 248.7300,
-24.0239, 5.4988

■ 51.3440, -25.3126,
-1.1787

■ 251.9220,
-11.7935, 2.6994

■ 31.5530, -15.5556,
-3.9930

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,

0.0000

■ 150.3720,
-27.7914, 0.5508

■ 150.3720,
-27.7914, 0.5508

■ 147.9500,
-34.4853, 0.9209

■ 152.7940,
-21.0974, 0.1807

■ 145.2290,
-41.0319, 0.6762

■ 155.5150,
-14.5509, 0.4253

■ 142.8070,
-47.7259, 1.0463

■ 157.9370, -7.8569,
0.0553

■ 140.0860,
-54.2724, 0.8016

■ 160.6580, -1.3104,
0.2999

■ 137.5500,
-61.4031, 1.2717

■ 163.1940, 5.8204,
-0.1701

■ 135.4700,
-66.7867, 1.3418

■ 165.6160, 12.5143,
-0.5402

■ 168.3370, 19.0609,
-0.2955

■ 170.7590, 25.7548,
-0.6656

■ 173.4800, 32.3014,
-0.4210

Harmonies

Analogous

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



153.6140, -31.3617, 25.7715



150.3720, -27.7914, 0.5508



145.5130, -15.0429, -28.5139

Triad

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



150.3720, -27.7914, 0.5508



129.5640, 37.6829, -93.4566



158.6930, 2.6164, 47.6272

Complementary

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



150.3720, -27.7914, 0.5508



104.6280, 27.7914, -0.5508

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.



159.7470, 17.3797, 25.6549



150.3720, -27.7914, 0.5508



147.2800, 35.3580, -47.6036

Square

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



150.3720, -27.7914, 0.5508



121.4840, 28.8484, -106.5415



156.8120, 28.6867, -7.7281



157.0130, -12.8244, 53.4856

Rectangle

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



150.3720, -27.7914, 0.5508



140.8830, -2.9003, -49.8864



156.8120, 28.6867, -7.7281



159.3270, 7.7268, 41.8092

Sweetspot

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



150.3720, -27.7914, 0.5508



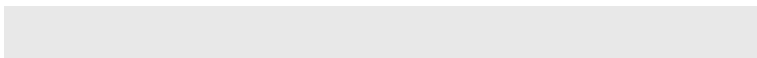
204.9540, -10.3303, 0.0403



119.3160, -12.4808, 36.5569



102.3930, -6.1097, -0.3447



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.



150.3720, -27.7914, 0.5508



192.3600, -43.0685, 0.5613



140.8040, -23.0744, -19.1221



80.3760, -3.6364, -0.3298



122.1910, -60.2402, 1.5865



15.0510, -7.4201, -0.0447

Inverse Universe

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



104.6280, 27.7914, -0.5508



121.3410, 43.2159, -1.1761



114.1960, 23.0744, 19.1221



74.6240, 3.6364, 0.3298



23.1080, 60.0928, -0.9717



2.9490, 7.4201, 0.0447

Previews

White Background



This preview shows how the YUV color 150.3720, -27.7914, 0.5508 looks on a white background.

Color Contrast Check

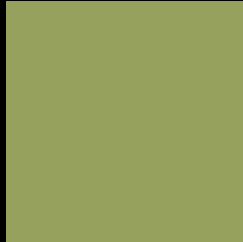
Large Text (above 18pt) WCAG AA × Fail

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 150.3720, -27.7914, 0.5508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

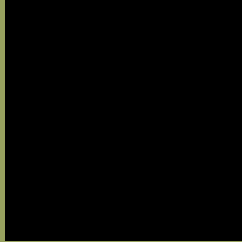
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.3720, -27.7914, 0.5508

Background



This preview shows how black text looks on a background with the YUV color 150.3720, -27.7914, 0.5508.



This preview shows how white text looks on a background with the YUV color 150.3720, -27.7914,

0.5508.

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

150.3720, -27.7914, 0.5508

Protanopia

152.3030, -29.7294, 15.5203

Deuteranopia

153.8470, -28.0256, 29.0752



Tritanopia

156.4610, 4.2097, 3.1037

Trichromacy



Original Color

150.3720, -27.7914, 0.5508

Protanomaly

151.4980, -28.8395, 10.0873

Deuteranomaly

152.7810, -27.9930, 18.6091

Tritanomaly

154.3610, -7.5730, 2.3144

Monochromacy



Original Color

150.3720, -27.7914, 0.5508

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0680, -9.8935, -0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3720, -27.7914, 0.5508 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(151, 161, 94)` looks like.

```
.text, #text, p{  
    color:rgb(151, 161, 94)  
}
```

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(151, 161, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 161, 94) }
```

Border

The CSS property to change the border of an element to YUV 150.3720, -27.7914, 0.5508 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(151, 161, 94) }
```


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

```
.border{ border-color:rgb(151, 161, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 161, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 161, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 161, 94);  
box-shadow:4px 4px 4px 4px rgb(151, 161,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 150.3720, -27.7914, 0.5508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 161, 94) }
```

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

```
.background{ background-color: rgb(151,  
161, 94) }
```

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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