

Converting Colors

YUV(150.7360, 7.0322,
-15.5545)

Have a look what the booklet for
YUV(150.7360, 7.0322, -15.5545)
contains.

YUV(150.7360, 7.0322, -15.5545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(150.7360, 7.0322,
-15.5545)**

Conversions

Conversions Part 1

Format	Color
Hex	859DA5
RGB	133, 157, 165
RGB Percent	52%, 62%, 65%
CMY	0.4784, 0.3843, 0.3529
CMYK	0.19, 0.05, 0.00, 0.35
HSL	195°, 15%, 58%
HSV	195°, 19%, 65%
XYZ	28.5214, 31.8171, 40.2354
YIQ	150.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

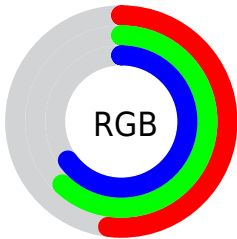
Format	Color
RYB	133, 147, 165
Decimal	8756645
CIELab	63.19, -6.60, -6.98
CIELCh	63, 9.607, 226.627
Yxy	31.8171, 0.2836, 0.3164
Android (android.graphics.Color)	4286946725 (0xFF859DA5)
YUV	150.7360, 7.0322, -15.5545
Hunter-Lab	56.4066, -8.4552, -2.8075

Details

The YUV color **150.7360, 7.0322, -15.5545** is a light color, and the websafe version is hex **999999**. A complement of this color would be **147.2640, -7.0322, 15.5545**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4370, 7.1796, -16.1692**, and **99.9210, 6.4479, -14.8397** is the 20% darker color. If you saturate the color by 10%, you get **143.3050, 10.6956, -23.9465**, and if you desaturate by 10%, it is **157.8680, 3.5161, -7.7772**.

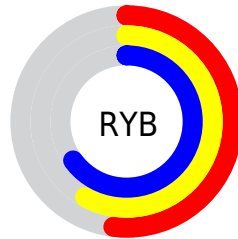
Distribution



Red (52%)

Green (62%)

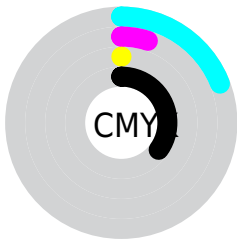
Blue (65%)



Red (52%)

Yellow (58%)

Blue (65%)

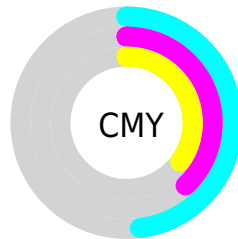


Cyan (19%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.7360, 7.0322, -15.5545 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 150.7360, 7.0322, -15.5545 by changing the saturation by 10% instead.

■ 150.7360, 7.0322,
-15.5545

■ 150.7360, 7.0322,
-15.5545

■ 255.0000, 0.0000,
0.0000

■ 124.7360, 7.0322,
-15.5545

■ 205.4370, 7.1796,
-16.1692

■ 99.9210, 6.4479,
-14.8397

■ 233.1380, 7.3270,
-16.7840

■ 75.9210, 6.4479,
-14.8397

■ 251.4120, 1.7689,
-7.3773

■ 52.8070, 6.0111,
-14.7397

■ 30.8070, 6.0111,
-14.7397

■ 12.0140, 5.4161,
-10.5363

■ 0.0000, 0.0000,

0.0000

■ 150.7360, 7.0322,
-15.5545

■ 150.7360, 7.0322,
-15.5545

■ 143.3050, 10.6956,
-23.9465

■ 157.8680, 3.5161,
-7.7772

■ 136.1730, 14.2117,
-31.7237

■ 165.2990, -0.1474,
0.6148

■ 129.0410, 17.7278,
-39.5010

■ 172.4310, -3.6635,
8.3920

■ 121.0230, 21.6807,
-47.3782

■ 179.8620, -7.3270,
16.7840

■ 113.8910, 25.1967,
-55.1554

■ 187.8800,
-11.2798, 24.6612

■ 106.4600, 28.8602,
-63.5474

■ 195.0120,
-14.7959, 32.4385

■ 99.3280, 32.3763,
-71.3247

■ 202.1440,
-18.3120, 40.2157

■ 91.8970, 36.0398,
-79.7167

■ 206.5850,
-20.5014, 42.4600

■ 91.5980, 36.1872,
-80.3314

■ 208.9330,
-21.6590, 40.4008

Harmonies

Analogous

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



150.1120, 3.3958, -15.8842



150.7360, 7.0322, -15.5545



152.1110, 8.3263, -10.6213

Triad

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



150.7360, 7.0322, -15.5545



155.0060, 0.9830, 11.3957



152.3610, -7.5730, 2.3144

Complementary

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



150.7360, 7.0322, -15.5545



147.2640, -7.0322, 15.5545

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.



153.2910, -8.0315, 9.3918



150.7360, 7.0322, -15.5545



154.2900, -3.1010, 14.6547

Square

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



150.7360, 7.0322, -15.5545



154.1130, 5.3673, 5.1629



154.3670, -6.5899, 13.7101



151.0010, -4.9305, -5.2629

Rectangle

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



150.7360, 7.0322, -15.5545



152.8450, 8.4574, -6.0031



154.3670, -6.5899, 13.7101



152.5570, -8.1626, 4.7735

Sweetspot

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



150.7360, 7.0322, -15.5545



208.3520, 2.7845, -6.4477



152.6960, -5.7661, -17.2734



103.7330, 1.6106, -3.2738



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



150.7360, 7.0322, -15.5545



192.3050, 10.6956, -23.9465



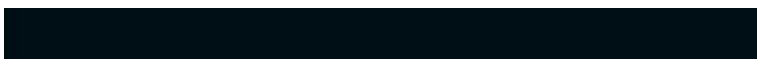
141.3440, 11.6624, -7.3177



78.1350, 1.9054, -4.5034



80.5130, 31.7921, -70.6099



9.6830, 4.1003, -8.4920

Inverse Universe

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



145.3040, 5.7661, 17.2734



183.8690, 8.9386, 26.4249



156.6560, -11.6624, 7.3177



76.4890, 1.7309, 4.8331



55.7810, 26.2370, 78.2451



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 150.7360, 7.0322, -15.5545 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 150.7360, 7.0322, -15.5545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

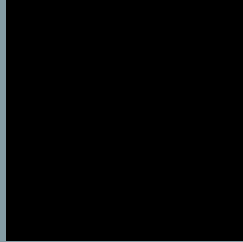
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

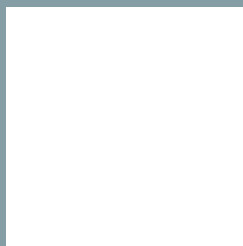
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 150.7360, 7.0322, -15.5545

Background



This preview shows how black text looks on a background with the YUV color 150.7360, 7.0322, -15.5545.



This preview shows how white text looks on a background with the YUV color 150.7360, 7.0322, -15.5545.

-15.5545.

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

150.7360, 7.0322, -15.5545

Protanopia

153.4390, 4.2206, -0.3850

Deuteranopia

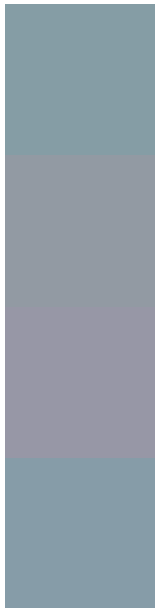
154.0530, 6.3829, 6.0925



Tritanopia

150.9040, 8.9213, -14.8248

Trichromacy



Original Color

150.7360, 7.0322, -15.5545

Protanomaly

152.6340, 5.1104, -5.8180

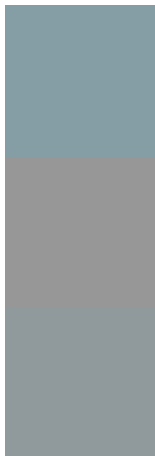
Deuteranomaly

152.7100, 6.5520, -1.4997

Tritanomaly

150.7900, 8.4845, -14.7248

Monochromacy



Original Color

150.7360, 7.0322, -15.5545

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.6510, 2.6371, -5.8329

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7360, 7.0322, -15.5545 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(133, 157, 165)` looks like.

```
.text, #text, p{  
    color:rgb(133, 157, 165)  
}
```

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(133, 157, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 157, 165) }
```

Border

The CSS property to change the border of an element to YUV 150.7360, 7.0322, -15.5545 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(133, 157, 165) }
```


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

```
.border{ border-color:rgb(133, 157, 165) }
```

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

Here you see how a box with a 4 pixel rgb(133, 157, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 157, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 157, 165);  
box-shadow:4px 4px 4px 4px rgb(133, 157,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 150.7360, 7.0322, -15.5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 157, 165) }
```

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

```
.background{ background-color: rgb(133,  
157, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor