

Converting Colors

YUV(159.0320, -28.6098,
29.7899)

Have a look what the booklet for
YUV(159.0320, -28.6098, 29.7899)
contains.

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Color

**YUV(159.0320, -28.6098,
29.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	C19965
RGB	193, 153, 101
RGB Percent	76%, 60%, 40%
CMY	0.2431, 0.4000, 0.6039
CMYK	0.00, 0.21, 0.48, 0.24
HSL	34°, 43%, 58%
HSV	34°, 48%, 76%
XYZ	35.7325, 35.0595, 17.1958
YIQ	159.0320, 40.5320, -7.6920

Conversions

Conversions Part 2

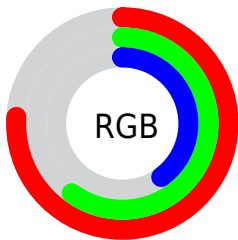
Format	Color
RYB	172, 193, 101
Decimal	12687717
CIELab	65.79, 8.30, 32.92
CIElCh	66, 33.950, 75.848
Yxy	35.0595, 0.4061, 0.3985
Android (android.graphics.Color)	4290877797 (0xFFC19965)
YUV	159.0320, -28.6098, 29.7899
Hunter-Lab	59.2111, 4.1013, 24.2291

Details

The YUV color $159.0320, -28.6098, 29.7899$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $134.9680, 28.6098, -29.7899$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $214.0000, -30.0730, 32.4490$, and $106.8790, -26.5623, 26.4161$ is the 20% darker color. If you saturate the color by 10%, you get $152.1700, -34.5938, 35.8079$, and if you desaturate by 10%, it is $165.8940, -22.6257, 23.7720$.

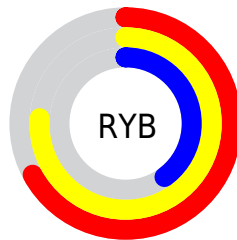
Distribution



Red (76%)

Green (60%)

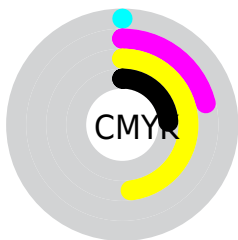
Blue (40%)



Red (67%)

Yellow (76%)

Blue (40%)

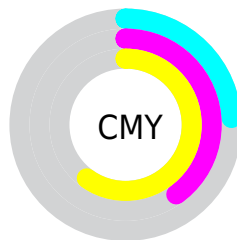


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.0320, -28.6098, 29.7899 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 159.0320, -28.6098, 29.7899 by changing the saturation by 10% instead.

■ 159.0320,
-28.6098, 29.7899

■ 159.0320,
-28.6098, 29.7899

■ 255.0000, 0.0000,
0.0000

■ 132.5480,
-27.8782, 28.4604

■ 214.0000,
-30.0730, 32.4490

■ 106.8790,
-26.5623, 26.4161

■ 234.7100,
-26.9720, 17.7943

■ 82.0960, -25.6833,
24.4718

■ 249.5280,
-20.9663, 4.7989

■ 58.0850, -25.6779,
22.7275

■ 252.8340, -8.2992,
1.8996

■ 37.5990, -18.5363,
18.7687

■ 18.0960, -8.9213,
14.8248

■ 0.0000, 0.0000,

0.0000

■ 159.0320,
-28.6098, 29.7899

■ 159.0320,
-28.6098, 29.7899

■ 152.1700,
-34.5938, 35.8079

■ 165.8940,
-22.6257, 23.7720

■ 144.6070,
-40.7253, 42.4407

■ 173.4570,
-16.4943, 17.1392

■ 137.7450,
-46.7093, 48.4586

■ 180.3190,
-10.5103, 11.1212

■ 130.2960,
-52.4039, 54.9914

■ 187.7680, -4.8156,
4.5885

■ 123.3200,
-58.8248, 61.1094

■ 194.6300, 1.1684,
-1.4295

■ 121.6900,
-59.9932, 62.5389

■ 201.6060, 7.5892,
-7.5475

■ 209.0550, 13.2839,
-14.0802

■ 215.9170, 19.2679,
-20.0982

■ 221.2000, 16.6634,
-24.7314

Harmonies

Analogous

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



160.9660, -21.6752, 45.6338



159.0320, -28.6098, 29.7899



156.1170, -27.6657, 6.9134

Triad

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



159.0320, -28.6098, 29.7899



139.4080, 17.5469, -74.9028



163.7460, 18.8592, 17.7628

Complementary

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



159.0320, -28.6098, 29.7899



134.9680, 28.6098, -29.7899

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.



159.7680, 28.7084, -14.7055



159.0320, -28.6098, 29.7899



139.9310, 31.0930, -79.7465

Square

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



159.0320, -28.6098, 29.7899



146.6490, -1.3060, -47.9272



150.6880, 33.1848, -50.5924



163.8600, 5.9850, 40.4648

Rectangle

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



159.0320, -28.6098, 29.7899



154.2010, -21.7911, -10.7003



150.6880, 33.1848, -50.5924



163.0050, 22.6755, 7.0116

Sweetspot

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



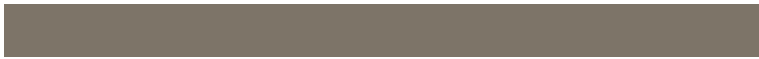
159.0320, -28.6098, 29.7899



237.2050, -10.9471, 11.2212



133.1820, 4.3473, 52.4604



117.3230, -6.5682, 6.7327



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



159.0320, -28.6098, 29.7899



197.3040, -44.5199, 46.2144



181.0170, -39.4484, 6.1241



93.5120, -3.2104, 3.0590



101.5560, -50.0671, 52.1324



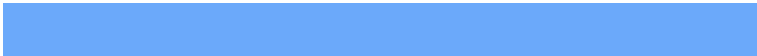
21.0200, -10.3629, 10.5065

Inverse Universe

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



134.9680, 28.6098, -29.7899



159.6960, 44.5199, -46.2144



112.9830, 39.4484, -6.1241



90.4880, 3.2104, -3.0590



59.4440, 50.0671, -52.1324



11.9800, 10.3629, -10.5065

Previews

White Background



This preview shows how the YUV color 159.0320, -28.6098, 29.7899 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 159.0320, -28.6098, 29.7899 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 159.0320, -28.6098, 29.7899

Background



This preview shows how black text looks on a background with the YUV color 159.0320, -28.6098, 29.7899.



This preview shows how white text looks on a background with the YUV color 159.0320, -28.6098, 29.7899.

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

159.0320, -28.6098, 29.7899

Protanopia

157.8020, -26.5244, 14.2056

Deuteranopia

159.0320, -28.6098, 29.7899



Tritanopia

162.8020, -2.8604, 30.8686

Trichromacy



Original Color

159.0320, -28.6098, 29.7899

Protanomaly

158.0200, -27.1249, 20.1535

Deuteranomaly

159.0320, -28.6098, 29.7899

Tritanomaly

161.6850, -12.1697, 30.0943

Monochromacy



Original Color

159.0320, -28.6098, 29.7899

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0200, -10.3629, 10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0320, -28.6098, 29.7899 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(193, 153, 101)` looks like.

```
.text, #text, p{  
    color:rgb(193, 153, 101)  
}
```

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(193, 153, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 153, 101) }
```

Border

The CSS property to change the border of an element to YUV 159.0320, -28.6098, 29.7899 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(193, 153, 101) }
```


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

```
.border{ border-color:rgb(193, 153, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 153, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 153, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 153, 101);  
box-shadow:4px 4px 4px 4px rgb(193, 153,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 159.0320, -28.6098, 29.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 153, 101) }
```

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

```
.background{ background-color: rgb(193,  
153, 101) }
```

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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