

Converting Colors

YUV(153.0320, -28.6098,
29.7899)

Have a look what the booklet for
YUV(153.0320, -28.6098, 29.7899)
contains.

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Color

**YUV(153.0320, -28.6098,
29.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	BB935F
RGB	187, 147, 95
RGB Percent	73%, 58%, 37%
CMY	0.2667, 0.4235, 0.6275
CMYK	0.00, 0.21, 0.49, 0.27
HSL	34°, 40%, 55%
HSV	34°, 49%, 73%
XYZ	32.9928, 32.2585, 15.3141
YIQ	153.0320, 40.5320, -7.6920

Conversions

Conversions Part 2

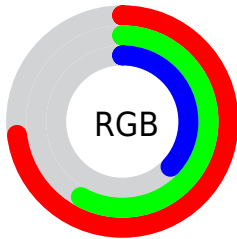
Format	Color
RYB	166, 187, 95
Decimal	12292959
CIELab	63.56, 8.48, 33.16
CIElCh	64, 34.224, 75.649
Yxy	32.2585, 0.4095, 0.4004
Android (android.graphics.Color)	4290483039 (0xFFBB935F)
YUV	153.0320, -28.6098, 29.7899
Hunter-Lab	56.7965, 4.2958, 23.7712

Details

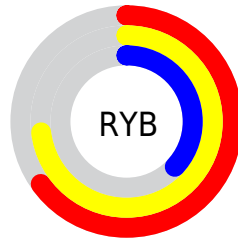
The YUV color **153.0320, -28.6098, 29.7899** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **128.9680, 28.6098, -29.7899**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8860, -30.5098, 32.5490**, and **101.4660, -26.8517, 25.9013** is the 20% darker color. If you saturate the color by 10%, you get **146.1700, -34.5938, 35.8079**, and if you desaturate by 10%, it is **159.8940, -22.6257, 23.7720**.

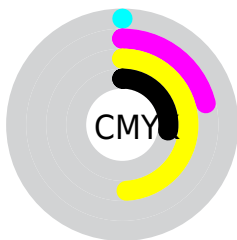
Distribution



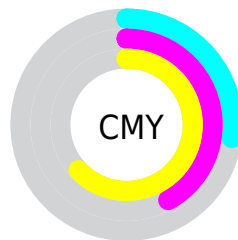
- Red (73%)
- Green (58%)
- Blue (37%)



- Red (65%)
- Yellow (73%)
- Blue (37%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (27%)



- Cyan (27%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0320, -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 153.0320, -28.6098, 29.7899 by changing the saturation by 10% instead.

■ 153.0320,
-28.6098, 29.7899

■ 153.0320,
-28.6098, 29.7899

■ 255.0000, 0.0000,
0.0000

■ 126.6620,
-27.4414, 28.3604

■ 207.8860,
-30.5098, 32.5490

■ 101.4660,
-26.8517, 25.9013

■ 230.3900,
-28.2933, 21.5830

■ 76.9820, -26.1201,
24.5718

■ 248.8440,
-23.5871, 5.3988

■ 52.9710, -26.1147,
22.8274

■ 252.0360,
-11.3567, 2.5994

■ 33.1690, -16.3523,
18.2688

■ 12.4920, -6.1586,
15.3545

■ 0.0000, 0.0000,

0.0000

■ 153.0320,
-28.6098, 29.7899

■ 153.0320,
-28.6098, 29.7899

■ 146.1700,
-34.5938, 35.8079

■ 159.8940,
-22.6257, 23.7720

■ 139.4220,
-40.1410, 41.7259

■ 166.6420,
-17.0785, 17.8540

■ 132.5600,
-46.1251, 47.7439

■ 173.5040,
-11.0945, 11.8360

■ 125.1110,
-51.8197, 54.2767

■ 180.9530, -5.3998,
5.3032

■ 118.3630,
-57.3670, 60.1946

■ 187.7010, 0.1474,
-0.6148

■ 118.1350,
-58.2406, 60.3946

■ 194.5630, 6.1314,
-6.6328

■ 201.4250, 12.1155,
-12.6507

■ 208.2870, 18.0995,
-18.6687

■ 214.1230, 20.1524,
-23.7869

Harmonies

Analogous

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



155.0800, -21.2384, 45.5338



153.0320, -28.6098, 29.7899



150.1170, -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.



153.0320, -28.6098, 29.7899



132.2120, 18.1365, -77.3619



157.5610, 19.4434, 17.0480

Complementary

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



153.0320, -28.6098, 29.7899



128.9680, 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.



153.4690, 28.8558, -15.3203



153.0320, -28.6098, 29.7899



131.8380, 32.1249, -84.0499

Square

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



153.0320, -28.6098, 29.7899



140.3500, -1.1585, -48.5419



144.0900, 33.4796, -51.8219



157.8600, 5.9850, 40.4648

Rectangle

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



153.0320, -28.6098, 29.7899



148.0870, -22.2279, -10.6003



144.0900, 33.4796, -51.8219



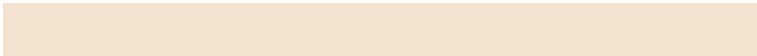
157.0050, 22.6755, 7.0116

Sweetspot

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



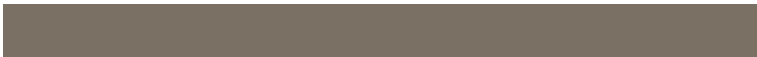
153.0320, -28.6098, 29.7899



228.5040, -11.0945, 11.8360



127.1820, 4.3473, 52.4604



114.2090, -7.0050, 6.8327



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



153.0320, -28.6098, 29.7899



189.3040, -44.5199, 46.2144



175.0170, -39.4484, 6.1241



90.6260, -2.7736, 2.9590



99.4850, -49.0461, 51.3177



19.2480, -9.4893, 10.3065

Inverse Universe

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



128.9680, 28.6098, -29.7899



151.6960, 44.5199, -46.2144



106.9830, 39.4484, -6.1241



88.3740, 2.7736, -2.9590



58.5150, 49.0461, -51.3177



11.1650, 9.7787, -9.7917

Previews

White Background



This preview shows how the YUV color 153.0320, -28.6098, 29.7899 looks on a white background.

Color Contrast Check

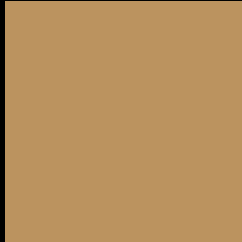
Large Text (above 18pt) WCAG AA × Fail

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 153.0320, -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 153.0320, -28.6098, 29.7899

Background



This preview shows how black text looks on a background with the YUV color 153.0320, -28.6098, 29.7899.



This preview shows how white text looks on a background with the YUV color 153.0320, -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

153.0320, -28.6098, 29.7899

Protanopia

151.8020, -26.5244, 14.2056

Deuteranopia

152.7330, -28.4624, 29.1752



Tritanopia

156.8020, -2.8604, 30.8686

Trichromacy



Original Color

153.0320, -28.6098, 29.7899

Protanomaly

152.0200, -27.1249, 20.1535

Deuteranomaly

152.7330, -28.4624, 29.1752

Tritanomaly

155.6850, -12.1697, 30.0943

Monochromacy



Original Color

153.0320, -28.6098, 29.7899

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.0200, -10.3629, 10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0320, -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(187, 147, 95)` looks like.

```
.text, #text, p{  
    color:rgb(187, 147, 95)  
}
```

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(187, 147, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 147, 95) }
```

Border

The CSS property to change the border of an element to YUV 153.0320, -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(187, 147, 95) }
```


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

```
.border{ border-color:rgb(187, 147, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 147, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 147, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 147, 95);  
box-shadow:4px 4px 4px 4px rgb(187, 147,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 153.0320, -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(187, 147, 95) }
```

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

```
.background{ background-color: rgb(187,  
147, 95) }
```

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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