

Converting Colors

YUV(156.6960, -32.3881,
28.3306)

Have a look what the booklet for
YUV(156.6960, -32.3881, 28.3306)
contains.

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Color

**YUV(156.6960, -32.3881,
28.3306)**

Conversions

Conversions Part 1

Format	Color
Hex	BD995B
RGB	189, 153, 91
RGB Percent	74%, 60%, 36%
CMY	0.2588, 0.4000, 0.6431
CMYK	0.00, 0.19, 0.52, 0.26
HSL	38°, 43%, 55%
HSV	38°, 52%, 74%
XYZ	34.2658, 34.3566, 14.7230
YIQ	156.6960, 41.3580, -11.6500

Conversions

Conversions Part 2

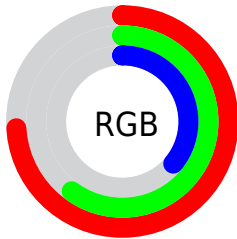
Format	Color
RYB	148, 189, 91
Decimal	12425563
CIELab	65.24, 5.67, 37.42
CIELCh	65, 37.850, 81.390
Yxy	34.3566, 0.4111, 0.4122
Android (android.graphics.Color)	4290615643 (0xFFBD995B)
YUV	156.6960, -32.3881, 28.3306
Hunter-Lab	58.6145, 1.7750, 26.1375

Details

The YUV color **156.6960, -32.3881, 28.3306** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **123.3040, 32.3881, -28.3306**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5500, -34.2881, 31.0897**, and **104.5430, -30.3407, 24.9568** is the 20% darker color. If you saturate the color by 10%, you get **150.4210, -38.6616, 33.8338**, and if you desaturate by 10%, it is **162.9710, -26.1147, 22.8274**.

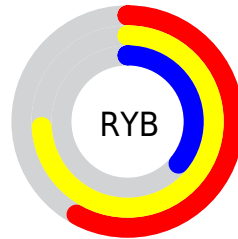
Distribution



Red (74%)

Green (60%)

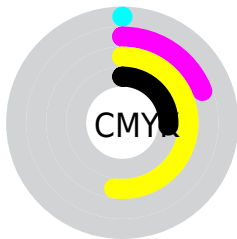
Blue (36%)



Red (58%)

Yellow (74%)

Blue (36%)

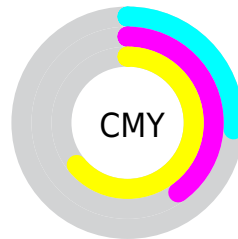


Cyan (0%)

Magenta (19%)

Yellow (52%)

Black (26%)



Cyan (26%)

Magenta (40%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.6960, -32.3881, 28.3306 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 156.6960, -32.3881, 28.3306 by changing the saturation by 10% instead.

■ 156.6960,
-32.3881, 28.3306

■ 156.6960,
-32.3881, 28.3306

255.0000, 0.0000,
0.0000

■ 130.3260,
-31.2197, 26.9011

■ 211.5500,
-34.2881, 31.0897

■ 104.5430,
-30.3407, 24.9568

■ 233.4560,
-31.7768, 18.8941

■ 79.6460, -29.8985,
23.1125

■ 248.3880,
-25.3343, 5.7987

■ 56.7920, -27.9985,
20.3534

■ 251.5800,
-13.1039, 2.9993

■ 36.4030, -17.9467,
16.3096

254.8860, -0.4368,
0.1000

■ 16.9000, -8.3317,
12.3657

■ 0.0000, 0.0000,

0.0000

■ 156.6960,
-32.3881, 28.3306

■ 156.6960,
-32.3881, 28.3306

■ 150.4210,
-38.6616, 33.8338

■ 162.9710,
-26.1147, 22.8274

■ 144.1460,
-44.9350, 39.3370

■ 169.2460,
-19.8413, 17.3243

■ 137.8710,
-51.2084, 44.8401

■ 175.5210,
-13.5679, 11.8211

■ 131.5960,
-57.4818, 50.3433

■ 181.7960, -7.2944,
6.3179

■ 126.9510,
-62.5868, 54.4170

■ 188.0710, -1.0210,
0.8147

■ 194.2320, 4.8156,
-4.5885

■ 200.5070, 11.0890,
-10.0916

■ 206.7820, 17.3625,
-15.5948

■ 211.7860, 21.3045,
-19.9833

Harmonies

Analogous

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



158.6520, -25.4644, 47.6632



156.6960, -32.3881, 28.3306



153.6280, -29.3966, 2.0802

Triad

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



156.6960, -32.3881, 28.3306



124.0600, 28.5644, -108.8006



162.7900, 18.8375, 24.7402

Complementary

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



156.6960, -32.3881, 28.3306



123.3040, 32.3881, -28.3306

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.



159.2570, 30.4393, -9.8724



156.6960, -32.3881, 28.3306



125.4910, 41.6629, -110.0556

Square

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



156.6960, -32.3881, 28.3306



141.0000, 2.9580, -62.2670



149.1160, 37.4108, -52.7217



162.3340, 3.7793, 47.9421

Rectangle

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



156.6960, -32.3881, 28.3306



150.1570, -21.7694, -17.6777



149.1160, 37.4108, -52.7217



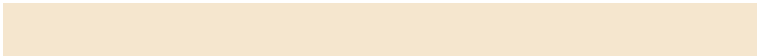
162.4620, 22.9432, 14.5038

Sweetspot

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



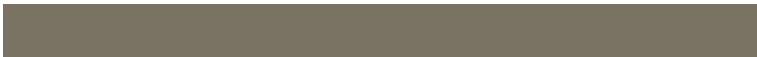
156.6960, -32.3881, 28.3306



231.7490, -12.6943, 11.6211



124.6340, 2.1524, 56.4490



114.6820, -7.7312, 6.4179



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.



156.6960, -32.3881, 28.3306



194.8000, -50.1874, 44.0254



174.5390, -41.1847, 3.0353



91.2130, -3.0630, 2.4442



105.9420, -52.2294, 45.6549



20.4220, -10.0680, 9.2769

Inverse Universe

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



123.3040, 32.3881, -28.3306



143.2000, 50.1874, -44.0254



105.4610, 41.1847, -3.0353



87.7870, 3.0630, -2.4442



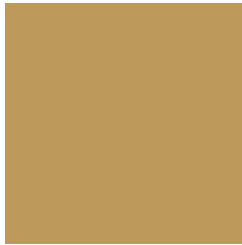
52.0580, 52.2294, -45.6549



9.9910, 10.3574, -8.7621

Previews

White Background



This preview shows how the YUV color 156.6960, -32.3881, 28.3306 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 156.6960, -32.3881, 28.3306 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 156.6960, -32.3881, 28.3306

Background



This preview shows how black text looks on a background with the YUV color 156.6960, -32.3881, 28.3306.



This preview shows how white text looks on a background with the YUV color 156.6960, -32.3881,

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

156.6960, -32.3881, 28.3306

Protanopia

155.9610, -31.0398, 15.8202

Deuteranopia

156.7180, -32.3990, 31.8193



Tritanopia

161.2040, -2.5656, 29.6391

Trichromacy



Original Color

156.6960, -32.3881, 28.3306

Protanomaly

156.1680, -31.6348, 20.0237

Deuteranomaly

157.0060, -32.5410, 30.6897

Tritanomaly

159.6310, -13.6221, 29.2646

Monochromacy



Original Color

156.6960, -32.3881, 28.3306

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.2650, -11.9626, 10.2916

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6960, -32.3881, 28.3306 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(189, 153, 91)` looks like.

```
.text, #text, p{  
    color:rgb(189, 153, 91)  
}
```

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(189, 153, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 153, 91) }
```

Border

The CSS property to change the border of an element to YUV 156.6960, -32.3881, 28.3306 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(189, 153, 91) }
```


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

```
.border{ border-color:rgb(189, 153, 91) }
```

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

Here you see how a box with a 4 pixel rgb(189, 153, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 153, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 153, 91);  
box-shadow:4px 4px 4px 4px rgb(189, 153,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 156.6960, -32.3881, 28.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 153, 91) }
```

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

```
.background{ background-color: rgb(189,  
153, 91) }
```

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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