

Converting Colors

YUV(154.8840, -24.0998,
29.9197)

Have a look what the booklet for
YUV(154.8840, -24.0998, 29.9197)
contains.

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Color

**YUV(154.8840, -24.0998,
29.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	BD936A
RGB	189, 147, 106
RGB Percent	74%, 58%, 42%
CMY	0.2588, 0.4235, 0.5843
CMYK	0.00, 0.22, 0.44, 0.26
HSL	30°, 39%, 58%
HSV	30°, 44%, 74%
XYZ	34.0215, 32.7269, 18.1595
YIQ	154.8840, 38.1930, -3.8470

Conversions

Conversions Part 2

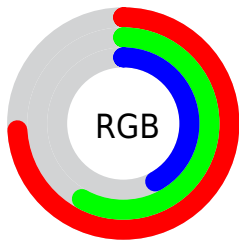
Format	Color
R_{YB}	189, 187, 106
Decimal	12424042
CIE _{Lab}	63.94, 10.45, 27.74
CIE _{LCh}	64, 29.639, 69.364
Yxy	32.7269, 0.4007, 0.3854
Android (android.graphics.Color)	4290614122 (0xFFBD936A)
YUV	154.8840, -24.0998, 29.9197
Hunter-Lab	57.2074, 6.0418, 21.2246

Details

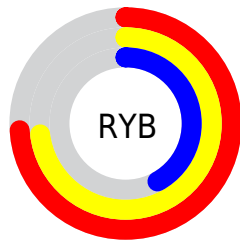
The YUV color **154.8840, -24.0998, 29.9197** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **140.1160, 24.0998, -29.9197**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8520, -25.5630, 32.5788**, and **103.0300, -22.1998, 27.1607** is the 20% darker color. If you saturate the color by 10%, you get **146.8480, -29.5051, 36.9673**, and if you desaturate by 10%, it is **162.9200, -18.6946, 22.8722**.

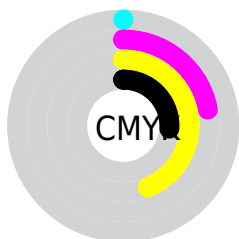
Distribution



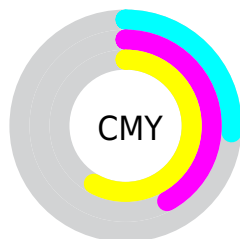
- Red (74%)
- Green (58%)
- Blue (42%)



- Red (74%)
- Yellow (73%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (26%)



- Cyan (26%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8840, -24.0998, 29.9197 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 154.8840, -24.0998, 29.9197 by changing the saturation by 10% instead.

■ 154.8840,
-24.0998, 29.9197

■ 154.8840,
-24.0998, 29.9197

255.0000, 0.0000,
0.0000

■ 128.4000,
-23.3682, 28.5902

■ 209.8520,
-25.5630, 32.5788

■ 103.0300,
-22.1998, 27.1607

■ 231.7580,
-23.0517, 20.3832

■ 78.8340, -21.6102,
24.7016

■ 250.2120,
-18.3455, 4.1991

■ 55.1650, -20.2943,
22.6573

■ 253.4040, -6.1152,
1.3997

■ 34.0660, -16.7945,
20.1131

■ 13.3890, -6.6008,
17.1988

■ 0.0000, 0.0000,

0.0000

■ 154.8840,
-24.0998, 29.9197

■ 154.8840,
-24.0998, 29.9197

■ 146.8480,
-29.5051, 36.9673

■ 162.9200,
-18.6946, 22.8722

■ 139.3990,
-35.1997, 43.5001

■ 170.3690,
-12.9999, 16.3394

■ 131.3630,
-40.6050, 50.5476

■ 178.4050, -7.5947,
9.2918

■ 123.9140,
-46.2996, 57.0804

■ 185.8540, -1.9000,
2.7590

■ 115.9920,
-51.2681, 64.0280

■ 193.8900, 3.5052,
-4.2885

■ 111.1020,
-54.7733, 68.3165

■ 201.2250, 8.7631,
-10.7213

■ 209.2610, 14.1683,
-17.7689

■ 217.0690, 18.7000,
-24.6165

■ 222.3520, 16.0955,
-29.2497

Harmonies

Analogous

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



156.6110, -16.5702, 41.5602



154.8840, -24.0998, 29.9197



152.5350, -24.9138, 10.9318

Triad

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



154.8840, -24.0998, 29.9197



140.5090, 11.0881, -56.5744



157.9900, 18.7389, 9.6558

Complementary

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



154.8840, -24.0998, 29.9197



140.1160, 24.0998, -29.9197

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.



154.0510, 26.1039, -19.3387



154.8840, -24.0998, 29.9197



140.0810, 23.6241, -64.0920

Square

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



154.8840, -24.0998, 29.9197



145.4010, -5.1277, -35.4317



146.4450, 28.3746, -47.7483



158.5600, 7.6119, 31.9579

Rectangle

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



154.8840, -24.0998, 29.9197



150.4730, -20.9392, -3.9228



146.4450, 28.3746, -47.7483



157.0320, 21.6762, 0.8489

Sweetspot

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



154.8840, -24.0998, 29.9197



231.9600, -9.3473, 11.4361



135.7190, 6.5475, 46.7274



113.9640, -5.4053, 7.0476



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.



154.8840, -24.0998, 29.9197



191.4380, -37.6839, 46.9739



178.9510, -35.9648, 8.8130



90.6260, -2.7736, 2.9590



93.0280, -45.8628, 56.9804



18.0740, -8.9105, 11.3361

Inverse Universe

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



140.1160, 24.0998, -29.9197



168.5620, 37.6839, -46.9739



116.0490, 35.9648, -8.8130



88.9610, 2.4842, -3.4738



64.9720, 45.8628, -56.9804



12.3390, 9.1999, -10.8213

Previews

White Background



This preview shows how the YUV color 154.8840, -24.0998, 29.9197 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 154.8840, -24.0998, 29.9197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

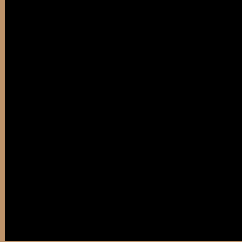
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.8840, -24.0998, 29.9197

Background



This preview shows how black text looks on a background with the YUV color 154.8840, -24.0998, 29.9197.

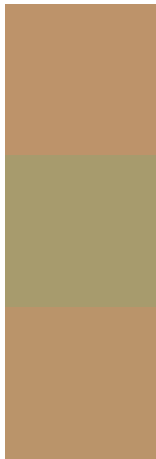


This preview shows how white text looks on a background with the YUV color 154.8840, -24.0998, 29.9197.

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

154.8840, -24.0998, 29.9197

Protanopia

153.3440, -21.8616, 11.9763

Deuteranopia

154.5740, -23.9470, 27.5606



Tritanopia

157.8020, -2.8604, 30.8686

Trichromacy



Original Color

154.8840, -24.0998, 29.9197

Protanomaly

153.8610, -22.6095, 18.5389

Deuteranomaly

154.8730, -24.0944, 28.1754

Tritanomaly

156.7390, -10.7173, 30.9239

Monochromacy



Original Color

154.8840, -24.0998, 29.9197

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.7750, -8.7631, 10.7213

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8840, -24.0998, 29.9197 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, 147, 106)` looks like.

```
.text, #text, p{  
    color:rgb(189, 147, 106)  
}
```

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, 147, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 147, 106) }
```

Border

The CSS property to change the border of an element to YUV 154.8840, -24.0998, 29.9197 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, 147, 106) }
```


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

```
.border{ border-color:rgb(189, 147, 106) }
```

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

Here you see how a box with a 4 pixel rgb(189, 147, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 147, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 147, 106);  
box-shadow:4px 4px 4px 4px rgb(189, 147,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 154.8840, -24.0998, 29.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 147, 106) }
```

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

```
.background{ background-color: rgb(189,  
147, 106) }
```

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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