

Converting Colors

YUV(159.9050, -26.0822,
12.3613)

Have a look what the booklet for
YUV(159.9050, -26.0822, 12.3613)
contains.

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Color

**YUV(159.9050, -26.0822,
12.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA36B
RGB	174, 163, 107
RGB Percent	68%, 64%, 42%
CMY	0.3176, 0.3608, 0.5804
CMYK	0.00, 0.06, 0.39, 0.32
HSL	50°, 29%, 55%
HSV	50°, 39%, 68%
XYZ	33.2066, 36.2546, 19.1576
YIQ	159.9050, 24.5320, -15.0840

Conversions

Conversions Part 2

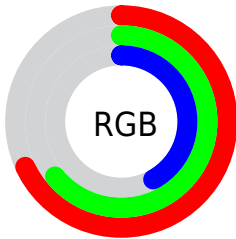
Format	Color
RYB	120, 174, 107
Decimal	11445099
CIELab	66.71, -4.37, 30.54
CIELCh	67, 30.852, 98.148
Yxy	36.2546, 0.3747, 0.4091
Android (android.graphics.Color)	4289635179 (0xFFAEA36B)
YUV	159.9050, -26.0822, 12.3613
Hunter-Lab	60.2118, -6.9285, 23.2840

Details

The YUV color **159.9050, -26.0822, 12.3613** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **121.0950, 26.0822, -12.3613**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8620, -27.5400, 13.2760**, and **107.6490, -24.4770, 10.8318** is the 20% darker color. If you saturate the color by 10%, you get **156.2060, -32.6396, 15.6053**, and if you desaturate by 10%, it is **163.6040, -19.5248, 9.1173**.

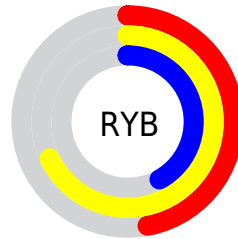
Distribution



Red (68%)

Green (64%)

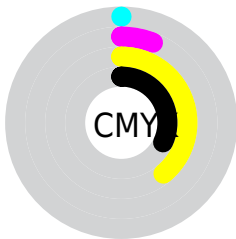
Blue (42%)



Red (47%)

Yellow (68%)

Blue (42%)

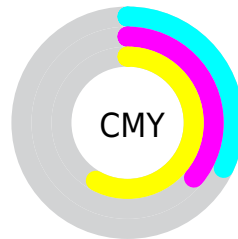


Cyan (0%)

Magenta (6%)

Yellow (39%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9050, -26.0822, 12.3613 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 159.9050, -26.0822, 12.3613 by changing the saturation by 10% instead.

■ 159.9050,
-26.0822, 12.3613

■ 159.9050,
-26.0822, 12.3613

255.0000, 0.0000,
0.0000

■ 133.7200,
-25.4980, 11.6466

■ 214.8620,
-27.5400, 13.2760

■ 107.6490,
-24.4770, 10.8318

■ 241.8510,
-27.5345, 11.5317

■ 83.4640, -23.8928,
10.1171

■ 250.3260,
-17.9087, 4.0991

■ 59.8660, -23.5979,
8.8875

■ 253.6320, -5.2416,
1.1997

■ 38.7070, -19.0826,
7.2730

■ 19.4920, -9.6096,
2.1995

■ 0.0000, 0.0000,

0.0000

■ 159.9050,
-26.0822, 12.3613

■ 159.9050,
-26.0822, 12.3613

■ 156.2060,
-32.6396, 15.6053

■ 163.6040,
-19.5248, 9.1173

■ 152.3930,
-39.6337, 18.9493

■ 167.4170,
-12.5306, 5.7733

■ 148.6940,
-46.1911, 22.1934

■ 171.1160, -5.9732,
2.5293

■ 145.4680,
-53.4747, 25.0226

■ 174.3420, 1.3104,
-0.2999

■ 141.7690,
-60.0321, 28.2666

■ 178.0410, 7.8678,
-3.5440

■ 138.0700,
-66.5895, 31.5106

■ 181.7400, 14.4252,
-6.7880

■ 137.1410,
-67.6105, 32.3253

■ 185.5530, 21.4194,
-10.1320

■ 189.2520, 27.9768,
-13.3760

■ 192.0390, 31.0398,
-15.8202

Harmonies

Analogous

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



162.5530, -25.4156, 31.9640



159.9050, -26.0822, 12.3613



156.8850, -19.1703, -11.3001

Triad

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



159.9050, -26.0822, 12.3613



146.2870, 24.5085, -67.7807



166.5000, 8.6275, 32.8875

Complementary

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



159.9050, -26.0822, 12.3613



121.0950, 26.0822, -12.3613

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.



165.3320, 20.0493, 9.3558



159.9050, -26.0822, 12.3613



153.0640, 29.5484, -50.9221

Square

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



159.9050, -26.0822, 12.3613



147.6720, 10.5147, -59.3483



160.7950, 27.7091, -20.8682



165.4340, -4.6510, 45.2234

Rectangle

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



159.9050, -26.0822, 12.3613



153.6640, -10.6804, -27.7693



160.7950, 27.7091, -20.8682



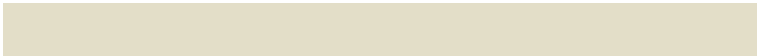
166.7810, 12.4330, 25.6251

Sweetspot

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



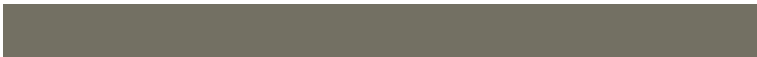
159.9050, -26.0822, 12.3613



220.9870, -10.3466, 5.2734



128.2870, -5.0715, 40.0903



111.4150, -6.1206, 3.1440



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



159.9050, -26.0822, 12.3613



205.1650, -40.5073, 19.1493



159.7840, -26.0225, -6.8266



84.8000, -3.3524, 1.9294



118.8120, -58.5743, 27.3519



18.0300, -8.8888, 4.3587

Inverse Universe

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



121.0950, 26.0822, -12.3613



144.8350, 40.5073, -19.1493



121.2160, 26.0225, 6.8266



79.6130, 3.6418, -1.4146



31.7750, 58.2849, -27.8667



4.9700, 8.8888, -4.3587

Previews

White Background



This preview shows how the YUV color 159.9050, -26.0822, 12.3613 looks on a white background.

Color Contrast Check

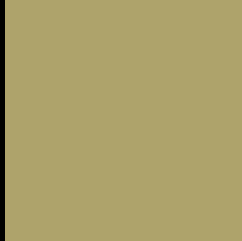
Large Text (above 18pt) WCAG AA × Fail

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 159.9050, -26.0822, 12.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

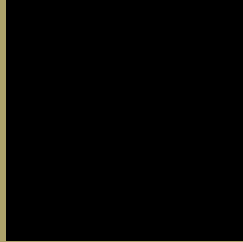
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.9050, -26.0822, 12.3613

Background



This preview shows how black text looks on a background with the YUV color 159.9050, -26.0822, 12.3613.



This preview shows how white text looks on a background with the YUV color 159.9050, -26.0822, 12.3613.

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

159.9050, -26.0822, 12.3613

Protanopia

159.9160, -26.0876, 14.1057

Deuteranopia

161.4170, -25.8416, 28.5753



Tritanopia

164.2560, 1.8458, 14.6845

Trichromacy



Original Color

159.9050, -26.0822, 12.3613

Protanomaly

159.6170, -25.9402, 13.4909

Deuteranomaly

160.9710, -26.1147, 22.8274

Tritanomaly

162.6120, -8.1897, 13.4953

Monochromacy



Original Color

159.9050, -26.0822, 12.3613

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.9160, -9.3256, 4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9050, -26.0822, 12.3613 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(174, 163, 107)` looks like.

```
.text, #text, p{  
    color:rgb(174, 163, 107)  
}
```

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(174, 163, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 163, 107) }
```

Border

The CSS property to change the border of an element to YUV 159.9050, -26.0822, 12.3613 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(174, 163, 107) }
```


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

```
.border{ border-color:rgb(174, 163, 107) }
```

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

Here you see how a box with a 4 pixel rgb(174, 163, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 163, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 163, 107);  
box-shadow:4px 4px 4px 4px rgb(174, 163,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 159.9050, -26.0822, 12.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 163, 107) }
```

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

```
.background{ background-color: rgb(174,  
163, 107) }
```

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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