

Converting Colors

YUV(139.7120, -26.4800,
46.7336)

Have a look what the booklet for
YUV(139.7120, -26.4800, 46.7336)
contains.

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Color

**YUV(139.7120, -26.4800,
46.7336)**

Conversions

Conversions Part 1

Format	Color
Hex	C17B56
RGB	193, 123, 86
RGB Percent	76%, 48%, 34%
CMY	0.2431, 0.5176, 0.6627
CMYK	0.00, 0.36, 0.55, 0.24
HSL	21°, 46%, 55%
HSV	21°, 55%, 76%
XYZ	30.7550, 26.1753, 12.2355
YIQ	139.7120, 53.5970, 3.3330

Conversions

Conversions Part 2

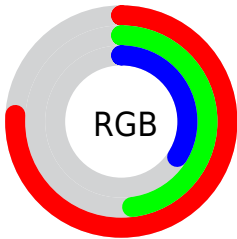
Format	Color
R _Y B	193, 143, 86
Decimal	12680022
CIE Lab	58.20, 23.42, 31.42
CIE LCh	58, 39.194, 53.298
Yxy	26.1753, 0.4447, 0.3784
Android (android.graphics.Color)	4290870102 (0xFFC17B56)
YUV	139.7120, -26.4800, 46.7336
Hunter-Lab	51.1618, 17.7690, 21.6339

Details

The YUV color **139.7120, -26.4800, 46.7336** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **139.2880, 26.4800, -46.7336**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1640, -28.6749, 50.7222**, and **88.5480, -24.4272, 41.6154** is the 20% darker color. If you saturate the color by 10%, you get **129.9150, -31.0171, 55.3255**, and if you desaturate by 10%, it is **149.5090, -21.9429, 38.1416**.

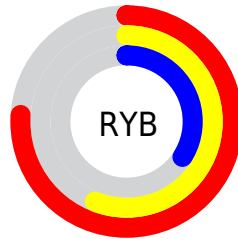
Distribution



Red (76%)

Green (48%)

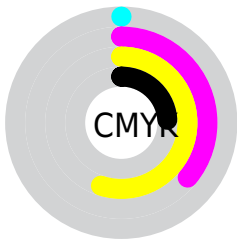
Blue (34%)



Red (76%)

Yellow (56%)

Blue (34%)

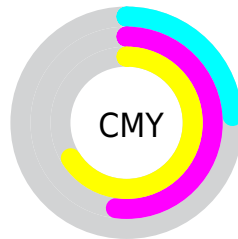


Cyan (0%)

Magenta (36%)

Yellow (55%)

Black (24%)



Cyan (24%)

Magenta (52%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.7120, -26.4800, 46.7336 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 139.7120, -26.4800, 46.7336 by changing the saturation by 10% instead.

■ 139.7120,
-26.4800, 46.7336

■ 139.7120,
-26.4800, 46.7336

■ 255.0000, 0.0000,
0.0000

■ 113.6300,
-25.4536, 44.1745

■ 194.1640,
-28.6749, 50.7222

■ 88.5480, -24.4272,
41.6154

■ 214.5750,
-25.4265, 35.4527

■ 63.5800, -22.9639,
38.9563

■ 234.0890,
-21.7359, 18.3389

■ 40.9540, -20.1903,
35.9973

■ 250.7820,
-16.1615, 3.6992

■ 19.6680, -9.6963,
30.1092

■ 254.0880, -3.4944,
0.7998

■ 8.7850, -3.8380,
17.7286

■ 0.0000, 0.0000,

0.0000

■ 139.7120,
-26.4800, 46.7336

■ 139.7120,
-26.4800, 46.7336

■ 129.9150,
-31.0171, 55.3255

■ 149.5090,
-21.9429, 38.1416

■ 120.5910,
-36.2804, 63.5027

■ 158.8330,
-16.6797, 29.9645

■ 110.7940,
-40.8174, 72.0947

■ 168.6300,
-12.1426, 21.3725

■ 100.9970,
-45.3545, 80.6866

■ 178.4270, -7.6055,
12.7805

■ 97.0360, -47.8387,
84.1604

■ 187.7510, -2.3422,
4.6034

■ 197.5480, 2.1948,
-3.9886

■ 206.7580, 7.0213,
-12.0658

■ 216.5550, 11.5584,
-20.6577

■ 225.8960, 14.3483,
-28.8498

Harmonies

Analogous

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



141.3230, -12.9772, 55.8447



139.7120, -26.4800, 46.7336



137.5710, -32.8195, 26.6862

Triad

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



139.7120, -26.4800, 46.7336



117.5580, 6.6269, -72.4034



140.9690, 30.5813, -8.7428

Complementary

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



139.7120, -26.4800, 46.7336



139.2880, 26.4800, -46.7336

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.



129.1480, 38.8740, -55.3808



139.7120, -26.4800, 46.7336



111.0830, 27.0741, -97.4198

Square

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



139.7120, -26.4800, 46.7336



129.0890, -15.3269, -30.7731



112.5140, 40.1726, -98.6748



143.9860, 18.2479, 27.1993

Rectangle

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



139.7120, -26.4800, 46.7336



135.6890, -31.8917, 9.0427



112.5140, 40.1726, -98.6748



138.0920, 33.9716, -22.8827

Sweetspot

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



139.7120, -26.4800, 46.7336



228.6620, -10.6794, 18.7134



126.0870, 15.2401, 58.6827



112.7580, -6.2897, 10.7362



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.



139.7120, -26.4800, 46.7336



166.2780, -41.5491, 73.4242



170.2360, -41.5283, 19.9640



92.3380, -2.6316, 4.0886



81.0110, -39.9384, 70.1504



16.3240, -8.0477, 14.6249

Inverse Universe

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



139.2880, 26.4800, -46.7336



165.7220, 41.5491, -73.4242



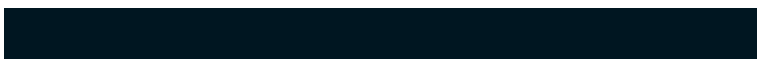
108.7640, 41.5283, -19.9640



92.2490, 2.3422, -4.6034



79.9890, 39.9384, -70.1504



16.6760, 8.0477, -14.6249

Previews

White Background



This preview shows how the YUV color 139.7120, -26.4800, 46.7336 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7120, -26.4800, 46.7336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

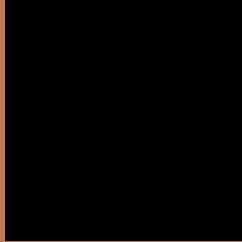
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.7120, -26.4800, 46.7336

Background



This preview shows how black text looks on a background with the YUV color 139.7120, -26.4800, 46.7336.



This preview shows how white text looks on a background with the YUV color 139.7120, -26.4800,

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

139.7120, -26.4800, 46.7336

Protanopia

138.2300, -22.2984, 12.0763

Deuteranopia

139.0640, -27.1466, 27.1309



Tritanopia

142.3480, -7.5666, 47.0528

Trichromacy



Original Color

139.7120, -26.4800, 46.7336

Protanomaly

138.8510, -24.0835, 24.6867

Deuteranomaly

139.2220, -26.7314, 34.0083

Tritanomaly

141.5130, -14.5499, 46.9081

Monochromacy



Original Color

139.7120, -26.4800, 46.7336

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8790, -9.8003, 16.7691

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.7120, -26.4800, 46.7336 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, 123, 86)` looks like.

```
.text, #text, p{  
    color:rgb(193, 123, 86)  
}
```

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, 123, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 123, 86) }
```

Border

The CSS property to change the border of an element to YUV 139.7120, -26.4800, 46.7336 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, 123, 86) }
```


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

```
.border{ border-color:rgb(193, 123, 86) }
```

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

Here you see how a box with a 4 pixel rgb(193, 123, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 123, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 123, 86);  
box-shadow:4px 4px 4px 4px rgb(193, 123,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 139.7120, -26.4800, 46.7336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 123, 86) }
```

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

```
.background{ background-color: rgb(193,  
123, 86) }
```

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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