

Converting Colors

YUV(146.4330, -19.9335,
46.9783)

Have a look what the booklet for
YUV(146.4330, -19.9335, 46.9783)
contains.

YUV(146.4330, -19.9335, 46.9783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(146.4330, -19.9335,
46.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	C87F6A
RGB	200, 127, 106
RGB Percent	78%, 50%, 42%
CMY	0.2157, 0.5020, 0.5843
CMYK	0.00, 0.36, 0.47, 0.22
HSL	13°, 46%, 60%
HSV	13°, 47%, 78%
XYZ	34.0103, 28.4987, 17.3439
YIQ	146.4330, 50.2490, 8.9450

Conversions

Conversions Part 2

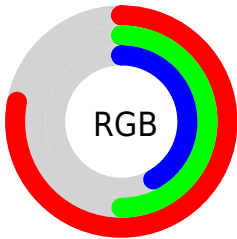
Format	Color
RYB	200, 133, 106
Decimal	13139818
CIELab	60.34, 25.93, 23.20
CIElCh	60, 34.797, 41.813
Yxy	28.4987, 0.4259, 0.3569
Android (android.graphics.Color)	4291329898 (0xFFC87F6A)
YUV	146.4330, -19.9335, 46.9783
Hunter-Lab	53.3842, 20.2975, 18.1063

Details

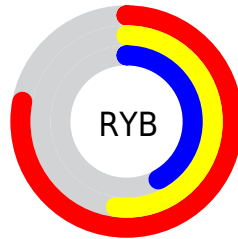
The YUV color $146.4330, -19.9335, 46.9783$ is a dark color, and the websafe version is hex $CC6666$. A complement of this color would be $159.5670, 19.9335, -46.9783$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.8030, -21.1019, 48.4078$, and $94.5680, -18.0280, 42.4749$ is the 20% darker color. If you saturate the color by 10%, you get $134.7610, -24.0392, 57.2146$, and if you desaturate by 10%, it is $158.1050, -15.8278, 36.7419$.

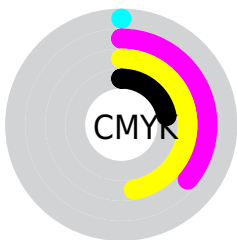
Distribution



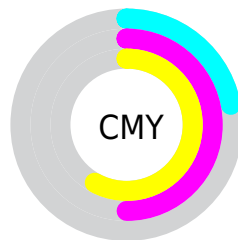
- Red (78%)
- Green (50%)
- Blue (42%)



- Red (78%)
- Yellow (52%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (47%)
- Black (22%)




- Cyan (22%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.4330, -19.9335, 46.9783 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 146.4330, -19.9335, 46.9783 by changing the saturation by 10% instead.


 146.4330,
-19.9335, 46.9783


 146.4330,
-19.9335, 46.9783


255.0000, 0.0000,
0.0000


 120.3510,
-18.9070, 44.4192


 199.8030,
-21.1019, 48.4078


 94.5680, -18.0280,
42.4749


 219.3170,
-17.4113, 31.2940


 69.7140, -16.1280,
39.7158

 239.5320,
-13.5733, 13.5654

 45.7460, -14.6648,
37.0568

 253.4040, -6.1152,
1.3997

 22.0600, -10.8756,
35.0274

 12.0740, -5.4595,
24.4911

 0.0000, 0.0000,

0.0000

■ 146.4330,
-19.9335, 46.9783

■ 146.4330,
-19.9335, 46.9783

■ 134.7610,
-24.0392, 57.2146

■ 158.1050,
-15.8278, 36.7419

■ 123.6760,
-28.4343, 66.9361

■ 169.1900,
-11.4327, 27.0204

■ 112.0040,
-32.5400, 77.1725

■ 180.8620, -7.3270,
16.7840

■ 100.9190,
-36.9351, 86.8940

■ 191.9470, -2.9319,
7.0625

■ 89.2470, -41.0408,
97.1304

■ 203.6190, 1.1738,
-3.1739

■ 86.2150, -42.5040,
99.7894

■ 214.7040, 5.5689,
-12.8954

■ 226.3760, 9.6746,
-23.1318

■ 236.2070, 9.2649,
-31.7535

■ 238.5550, 8.1074,
-33.8127

Harmonies

Analogous

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



147.5980, -6.7038, 50.3416



146.4330, -19.9335, 46.9783



144.4560, -28.3258, 32.0491

Triad

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



146.4330, -19.9335, 46.9783



132.3890, -3.6428, -45.0682



143.7780, 30.1824, -20.8533

Complementary

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



146.4330, -19.9335, 46.9783



159.5670, 19.9335, -46.9783

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.



132.9750, 34.5223, -59.6141



146.4330, -19.9335, 46.9783



121.9620, 17.2737, -80.6507

Square

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



146.4330, -19.9335, 46.9783



138.7380, -19.5908, -16.4332



115.0100, 34.5051, -100.8638



148.8810, 20.7647, 13.2594

Rectangle

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



146.4330, -19.9335, 46.9783



143.0260, -29.5928, 18.3942



115.0100, 34.5051, -100.8638



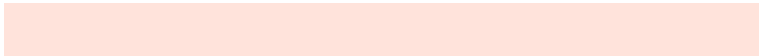
141.1570, 31.9676, -33.4637

Sweetspot

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



146.4330, -19.9335, 46.9783



234.4600, -7.6218, 18.0136



142.5420, 18.4668, 50.3907



115.5130, -4.6899, 10.9511



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



146.4330, -19.9335, 46.9783



173.5410, -30.3397, 71.4395



173.4350, -33.2455, 23.2975



93.8650, -1.9054, 4.5034



69.8690, -34.4454, 81.6759



15.4600, -7.6218, 18.0136

Inverse Universe

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



159.5670, 19.9335, -46.9783



193.4590, 30.3397, -71.4395



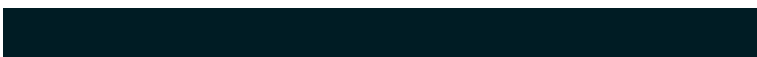
132.5650, 33.2455, -23.2975



95.1350, 1.9054, -4.5034



93.1310, 34.4454, -81.6759



20.5400, 7.6218, -18.0136

Previews

White Background



This preview shows how the YUV color 146.4330, -19.9335, 46.9783 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 146.4330, -19.9335, 46.9783 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 146.4330, -19.9335, 46.9783

Background



This preview shows how black text looks on a background with the YUV color 146.4330, -19.9335, 46.9783.



This preview shows how white text looks on a background with the YUV color 146.4330, -19.9335,

46.9783.

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

146.4330, -19.9335, 46.9783

Protanopia

145.0430, -15.3042, 8.7323

Deuteranopia

145.7630, -20.5892, 23.8868



Tritanopia

147.6470, -7.7140, 47.6676

Trichromacy



Original Color

146.4330, -19.9335, 46.9783

Protanomaly

145.3760, -16.9474, 22.4722

Deuteranomaly

145.9320, -20.1795, 32.5086

Tritanomaly

146.9090, -11.7871, 47.4378

Monochromacy



Original Color

146.4330, -19.9335, 46.9783

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1610, -7.4744, 17.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.4330, -19.9335, 46.9783 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(200, 127, 106)` looks like.

```
.text, #text, p{  
    color:rgb(200, 127, 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(200, 127, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 127, 106) }
```

Border

The CSS property to change the border of an element to YUV 146.4330, -19.9335, 46.9783 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(200, 127, 106) }
```


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

```
.border{ border-color:rgb(200, 127, 106) }
```

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

Here you see how a box with a 4 pixel rgb(200, 127, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 127, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 127, 106);  
box-shadow:4px 4px 4px 4px rgb(200, 127,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 146.4330, -19.9335, 46.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 127, 106) }
```

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

```
.background{ background-color: rgb(200,  
127, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor