

Converting Colors

YUV(146.6370, -19.5410,
14.3504)

Have a look what the booklet for
YUV(146.6370, -19.5410, 14.3504)
contains.

YUV(146.6370, -19.5410, 14.3504)	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(146.6370, -19.5410,
14.3504)**

Conversions

Conversions Part 1

Format	Color
Hex	A3926B
RGB	163, 146, 107
RGB Percent	64%, 57%, 42%
CMY	0.3608, 0.4275, 0.5804
CMYK	0.00, 0.10, 0.34, 0.36
HSL	42°, 23%, 53%
HSV	42°, 34%, 64%
XYZ	28.0370, 29.4058, 18.1081
YIQ	146.6370, 22.6510, -8.5250

Conversions

Conversions Part 2

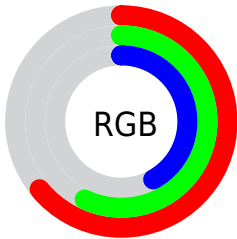
Format	Color
RYB	131, 163, 107
Decimal	10719851
CIELab	61.14, 0.35, 23.01
CIElCh	61, 23.014, 89.136
Yxy	29.4058, 0.3711, 0.3892
Android (android.graphics.Color)	4288909931 (0xFFA3926B)
YUV	146.6370, -19.5410, 14.3504
Hunter-Lab	54.2271, -2.6079, 18.1603

Details

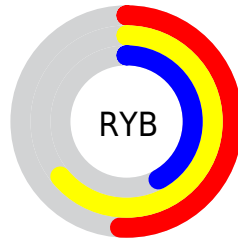
The YUV color $146.6370, -19.5410, 14.3504$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $123.3630, 19.5410, -14.3504$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $201.0070, -20.7095, 15.7799$, and $95.9680, -18.2252, 12.3061$ is the 20% darker color. If you saturate the color by 10%, you get $141.8780, -25.0829, 18.5240$, and if you desaturate by 10%, it is $151.3960, -13.9992, 10.1767$.

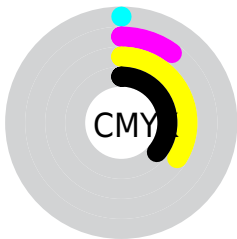
Distribution



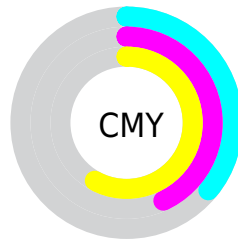
- Red (64%)
- Green (57%)
- Blue (42%)



- Red (51%)
- Yellow (64%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.6370, -19.5410, 14.3504 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 146.6370, -19.5410, 14.3504 by changing the saturation by 10% instead.

■ 146.6370,
-19.5410, 14.3504

■ 146.6370,
-19.5410, 14.3504

255.0000, 0.0000,
0.0000

■ 120.5660,
-18.5200, 13.5356

■ 201.0070,
-20.7095, 15.7799

■ 95.9680, -18.2252,
12.3061

■ 228.8930,
-21.1462, 15.8798

■ 71.8970, -17.2042,
11.4913

■ 250.3260,
-17.9087, 4.0991

■ 49.4130, -16.4726,
10.1618

■ 253.5180, -5.6784,
1.2997

■ 28.6840, -14.1412,
9.0471

■ 4.4410, -2.1894,
2.2442

■ 0.0000, 0.0000,

0.0000

■ 146.6370,
-19.5410, 14.3504

■ 146.6370,
-19.5410, 14.3504

■ 141.8780,
-25.0829, 18.5240

■ 151.3960,
-13.9992, 10.1767

■ 137.0050,
-31.0615, 22.7976

■ 156.2690, -8.0206,
5.9031

■ 132.2460,
-36.6033, 26.9713

■ 161.0280, -2.4788,
1.7294

■ 127.4870,
-42.1451, 31.1449

■ 165.7870, 3.0630,
-2.4442

■ 122.7280,
-47.6869, 35.3185

■ 170.5460, 8.6048,
-6.6178

■ 117.8550,
-53.6655, 39.5922

■ 175.4190, 14.5834,
-10.8915

■ 115.6550,
-57.0179, 41.5216

■ 180.1780, 20.1252,
-15.0651

■ 184.9370, 25.6671,
-19.2387

■ 189.8100, 31.6457,
-23.5124

Harmonies

Analogous

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



148.2950, -17.4004, 27.8053



146.6370, -19.5410, 14.3504



144.1510, -15.8504, -2.7634

Triad

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



146.6370, -19.5410, 14.3504



137.7970, 14.3971, -44.5490



150.8250, 8.9603, 19.4475

Complementary

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



146.6370, -19.5410, 14.3504



123.3630, 19.5410, -14.3504

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.



149.6530, 16.4401, 0.3043



146.6370, -19.5410, 14.3504



140.7360, 20.3432, -38.3565

Square

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



146.6370, -19.5410, 14.3504



138.9800, 3.4609, -36.8165



145.9600, 20.7257, -21.0129



150.9700, -0.9712, 31.5983

Rectangle

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



146.6370, -19.5410, 14.3504



142.9260, -11.3025, -14.8441



145.9600, 20.7257, -21.0129



150.4760, 11.5973, 13.6145

Sweetspot

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



146.6370, -19.5410, 14.3504



205.3830, -7.5838, 5.8031



125.7960, -0.3924, 32.6279



103.1700, -4.5208, 3.3589



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



146.6370, -19.5410, 14.3504



186.2330, -30.1879, 22.5977



153.6260, -22.9866, -0.5490



79.2130, -3.0630, 2.4442



102.6420, -50.6025, 37.1480



12.4260, -6.1260, 4.8884

Inverse Universe

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



123.3630, 19.5410, -14.3504



150.1800, 30.4773, -22.0829



116.3740, 22.9866, 0.5490



75.7870, 3.0630, -2.4442



42.3580, 50.6025, -37.1480



4.9870, 6.4154, -4.3736

Previews

White Background



This preview shows how the YUV color 146.6370, -19.5410, 14.3504 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 146.6370, -19.5410, 14.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

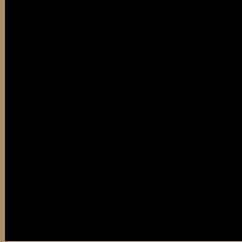
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.6370, -19.5410, 14.3504

Background



This preview shows how black text looks on a background with the YUV color 146.6370, -19.5410, 14.3504.



This preview shows how white text looks on a background with the YUV color 146.6370, -19.5410, 14.3504.

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

146.6370, -19.5410, 14.3504

Protanopia

146.1420, -18.8040, 11.2765

Deuteranopia

147.4040, -19.4262, 24.2017



Tritanopia

149.6260, 0.6774, 16.1140

Trichromacy



Original Color

146.6370, -19.5410, 14.3504

Protanomaly

146.4410, -18.9514, 11.8912

Deuteranomaly

147.3820, -19.4153, 20.7130

Tritanomaly

148.3780, -6.5954, 15.4545

Monochromacy



Original Color

146.6370, -19.5410, 14.3504

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.0840, -7.4364, 5.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.6370, -19.5410, 14.3504 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(163, 146, 107)` looks like.

```
.text, #text, p{  
    color:rgb(163, 146, 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(163, 146, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 146, 107) }
```

Border

The CSS property to change the border of an element to YUV 146.6370, -19.5410, 14.3504 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(163, 146, 107) }
```


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

```
.border{ border-color:rgb(163, 146, 107) }
```

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

Here you see how a box with a 4 pixel rgb(163, 146, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 146, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 146, 107);  
box-shadow:4px 4px 4px 4px rgb(163, 146,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 146.6370, -19.5410, 14.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 146, 107) }
```

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

```
.background{ background-color: rgb(163,  
146, 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](#).

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