

Converting Colors

YUV(146.7670, -20.0981,
6.3433)

Have a look what the booklet for
YUV(146.7670, -20.0981, 6.3433)
contains.

YUV(146.7670, -20.0981, 6.3433)	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(146.7670, -20.0981,
6.3433)**

Conversions

Conversions Part 1

Format	Color
Hex	9A976A
RGB	154, 151, 106
RGB Percent	60%, 59%, 42%
CMY	0.3961, 0.4078, 0.5843
CMYK	0.00, 0.02, 0.31, 0.40
HSL	56°, 19%, 51%
HSV	56°, 31%, 60%
XYZ	26.9946, 30.0438, 18.0119
YIQ	146.7670, 16.2330, -13.3590

Conversions

Conversions Part 2

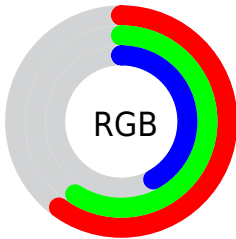
Format	Color
RYB	109, 154, 106
Decimal	10131306
CIELab	61.69, -6.22, 24.16
CIELCh	62, 24.949, 104.431
Yxy	30.0438, 0.3597, 0.4003
Android (android.graphics.Color)	4288321386 (0xFF9A976A)
YUV	146.7670, -20.0981, 6.3433
Hunter-Lab	54.8123, -8.0118, 18.8852

Details

The YUV color **146.7670, -20.0981, 6.3433** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **113.2330, 20.0981, -6.3433**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8380, -21.1191, 7.1581**, and **95.8100, -18.6403, 5.4286** is the 20% darker color. If you saturate the color by 10%, you get **144.4700, -26.3607, 8.3578**, and if you desaturate by 10%, it is **149.0640, -13.8356, 4.3289**.

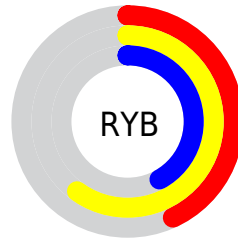
Distribution



Red (60%)

Green (59%)

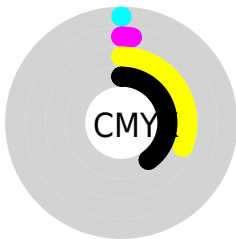
Blue (42%)



Red (43%)

Yellow (60%)

Blue (42%)

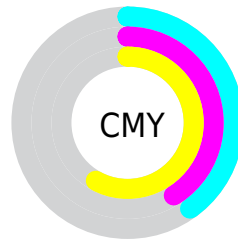


Cyan (0%)

Magenta (2%)

Yellow (31%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7670, -20.0981, 6.3433 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 146.7670, -20.0981, 6.3433 by changing the saturation by 10% instead.

■ 146.7670,
-20.0981, 6.3433

■ 146.7670,
-20.0981, 6.3433

■ 255.0000, 0.0000,
0.0000

■ 120.9950,
-19.2245, 6.1434

■ 200.8380,
-21.1191, 7.1581

■ 95.8100, -18.6403,
5.4286

■ 228.7240,
-21.5559, 7.2581

■ 71.7390, -17.6193,
4.6139

■ 250.2120,
-18.3455, 4.1991

■ 49.4400, -17.4719,
3.9991

■ 253.4040, -6.1152,
1.3997

■ 28.9390, -14.2669,
2.6845

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,

0.0000

■ 146.7670,
-20.0981, 6.3433

■ 146.7670,
-20.0981, 6.3433

■ 144.4700,
-26.3607, 8.3578

■ 149.0640,
-13.8356, 4.3289

■ 142.0590,
-33.0601, 10.4723

■ 151.4750, -7.1362,
2.2144

■ 139.7620,
-39.3227, 12.4867

■ 153.7720, -0.8736,
0.2000

■ 137.3510,
-46.0220, 14.6012

■ 156.1830, 5.8258,
-1.9145

■ 135.0540,
-52.2846, 16.6156

■ 158.4800, 12.0884,
-3.9290

■ 132.7570,
-58.5472, 18.6301

■ 160.7770, 18.3509,
-5.9434

■ 130.5740,
-64.3730, 20.5446

■ 163.1880, 25.0503,
-8.0579

■ 165.4850, 31.3129,
-10.0723

■ 167.8960, 38.0123,
-12.1868

Harmonies

Analogous

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



149.0510, -20.7311, 22.7573



146.7670, -20.0981, 6.3433



144.0680, -13.3445, -13.2146

Triad

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



146.7670, -20.0981, 6.3433



138.8550, 19.7915, -48.1078



152.6260, 4.1284, 29.2690

Complementary

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



146.7670, -20.0981, 6.3433



113.2330, 20.0981, -6.3433

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.



152.4480, 14.0761, 11.8851



146.7670, -20.0981, 6.3433



143.5670, 23.3845, -33.8233

Square

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



146.7670, -20.0981, 6.3433



138.0480, 10.3293, -46.5231



148.8410, 21.2774, -11.2616



151.9230, -6.3710, 36.9015

Rectangle

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



146.7670, -20.0981, 6.3433



142.1140, -6.4652, -26.4100



148.8410, 21.2774, -11.2616



152.8040, 7.4916, 23.8509

Sweetspot

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



146.7670, -20.0981, 6.3433



198.3610, -7.5730, 2.3144



120.6940, -5.7651, 29.2094



100.1590, -4.5154, 1.6146



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



146.7670, -20.0981, 6.3433



190.2160, -31.1655, 9.4576



142.2490, -17.8708, -8.1114



75.5010, -3.2050, 1.3146



118.7570, -58.5472, 18.6301



10.9310, -5.3890, 1.8145

Inverse Universe

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



113.2330, 20.0981, -6.3433



138.3710, 30.8761, -9.9724



117.7510, 17.8708, 8.1114



69.9120, 3.4944, -0.7998



21.2430, 58.5472, -18.6301



2.0690, 5.3890, -1.8145

Previews

White Background



This preview shows how the YUV color 146.7670, -20.0981, 6.3433 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 146.7670, -20.0981, 6.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

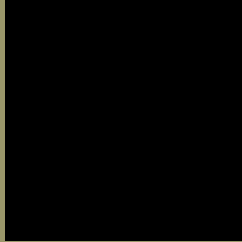
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.7670, -20.0981, 6.3433

Background



This preview shows how black text looks on a background with the YUV color 146.7670, -20.0981, 6.3433.



This preview shows how white text looks on a background with the YUV color 146.7670, -20.0981,

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

146.7670, -20.0981, 6.3433

Protanopia

147.5720, -20.9880, 11.7764

Deuteranopia

149.1760, -20.2998, 24.4016



Tritanopia

150.7390, 2.5937, 8.1219

Trichromacy



Original Color

146.7670, -20.0981, 6.3433

Protanomaly

147.2620, -20.8352, 9.4172

Deuteranomaly

148.4310, -20.4255, 18.0390

Tritanomaly

149.2630, -5.5527, 7.6623

Monochromacy



Original Color

146.7670, -20.0981, 6.3433

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7740, -7.2836, 2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7670, -20.0981, 6.3433 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(154, 151, 106)` looks like.

```
.text, #text, p{  
    color:rgb(154, 151, 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(154, 151, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 151, 106) }
```

Border

The CSS property to change the border of an element to YUV 146.7670, -20.0981, 6.3433 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(154, 151, 106) }
```


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

```
.border{ border-color:rgb(154, 151, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 151, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 151, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 151, 106);  
box-shadow:4px 4px 4px 4px rgb(154, 151,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 146.7670, -20.0981, 6.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 151, 106) }
```

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

```
.background{ background-color: rgb(154,  
151, 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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