

Converting Colors

YUV(146.7940, -0.8844, 3.6887)

Have a look what the booklet for
YUV(146.7940, -0.8844, 3.6887)
contains.

YUV(146.7940, -0.8844, 3.6887)	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(146.7940, -0.8844,
3.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	979191
RGB	151, 145, 145
RGB Percent	59%, 57%, 57%
CMY	0.4078, 0.4314, 0.4314
CMYK	0.00, 0.04, 0.04, 0.41
HSL	0°, 3%, 58%
HSV	0°, 4%, 59%
XYZ	27.9987, 28.8744, 30.8857
YIQ	146.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

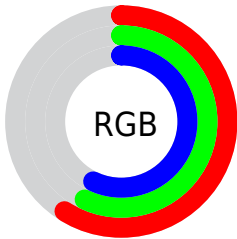
Format	Color
R_{YB}	151, 145, 145
Decimal	9933201
CIE Lab	60.67, 2.21, 0.78
CIE LCh	61, 2.344, 19.448
Yxy	28.8744, 0.3190, 0.3290
Android (android.graphics.Color)	4288123281 (0xFF979191)
YUV	146.7940, -0.8844, 3.6887
Hunter-Lab	53.7349, -1.0283, 3.5358

Details

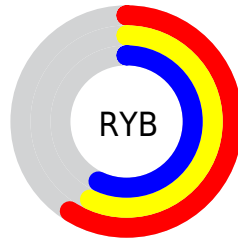
The YUV color $146.7940, -0.8844, 3.6887$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $149.2060, 0.8844, -3.6887$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.7940, -0.8844, 3.6887$, and $96.4950, -0.7370, 3.0739$ is the 20% darker color. If you saturate the color by 10%, you get $136.2790, -3.0955, 12.9103$, and if you desaturate by 10%, it is $157.3090, 1.3267, -5.5330$.

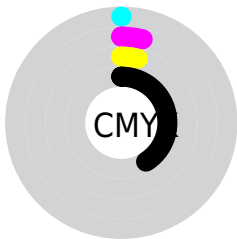
Distribution



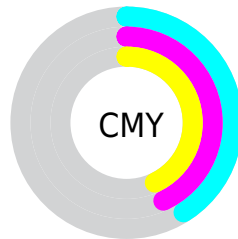
- Red (59%)
- Green (57%)
- Blue (57%)



- Red (59%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7940, -0.8844, 3.6887 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 146.7940, -0.8844, 3.6887 by changing the saturation by 10% instead.

■ 146.7940, -0.8844,
3.6887

■ 146.7940, -0.8844,
3.6887

255.0000, 0.0000,
0.0000

■ 120.7940, -0.8844,
3.6887

■ 200.7940, -0.8844,
3.6887

■ 96.4950, -0.7370,
3.0739

■ 228.7940, -0.8844,
3.6887

■ 72.4950, -0.7370,
3.0739

■ 50.4950, -0.7370,
3.0739

■ 29.1960, -0.5896,
2.4591

■ 3.3920, -1.1793,
4.9182

■ 0.0000, 0.0000,

0.0000

■ 146.7940, -0.8844,
3.6887

■ 146.7940, -0.8844,
3.6887

■ 136.2790, -3.0955,
12.9103

■ 157.3090, 1.3267,
-5.5330

■ 125.7640, -5.3067,
22.1320

■ 167.8240, 3.5378,
-14.7546

■ 115.2490, -7.5178,
31.3536

■ 178.3390, 5.7489,
-23.9763

■ 104.7340, -9.7289,
40.5753

■ 188.8540, 7.9600,
-33.1980

■ 94.2190, -11.9400,
49.7969

■ 200.0700, 10.3185,
-43.0344

■ 83.0030, -14.2985,
59.6334

■ 210.5850, 12.5296,
-52.2560

■ 72.4880, -16.5096,
68.8550

■ 221.1000, 14.7407,
-61.4777

■ 61.9730, -18.7207,
78.0767

■ 223.9040, 15.3303,
-63.9368

■ 51.4580, -20.9318,
87.2983

Harmonies

Analogous

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



146.7230, 0.1366, 2.8739



146.7940, -0.8844, 3.6887



146.5660, -1.7580, 3.8886

Triad

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



146.7940, -0.8844, 3.6887



145.7610, -0.8682, -1.5444



146.4450, 1.7526, -2.1443

Complementary

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



146.7940, -0.8844, 3.6887



149.2060, 0.8844, -3.6887

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.



145.7330, 1.6106, -3.2738



146.7940, -0.8844, 3.6887



145.8640, -0.4260, -3.3887

Square

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



146.7940, -0.8844, 3.6887



146.4300, -2.1840, 0.4999



145.9070, 1.0318, -4.3034



146.4560, 1.7472, -0.3999

Rectangle

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



146.7940, -0.8844, 3.6887



146.7400, -2.3368, 2.8590



145.9070, 1.0318, -4.3034



146.1460, 1.9000, -2.7590

Sweetspot

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



146.7940, -0.8844, 3.6887



194.5980, -0.2948, 1.2296



147.4780, 1.7363, 3.0888



98.2990, -0.1474, 0.6148



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



146.7940, -0.8844, 3.6887



189.6910, -1.3267, 5.5330



148.5550, -1.7526, 2.1443



73.4950, -0.7370, 3.0739



41.8600, -20.6370, 86.0688



3.8870, -1.9163, 7.9921

Inverse Universe

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



149.2060, 0.8844, -3.6887



193.3090, 1.3267, -5.5330



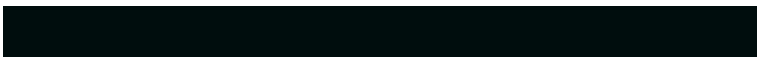
147.4450, 1.7526, -2.1443



75.5050, 0.7370, -3.0739



98.1400, 20.6370, -86.0688



9.1130, 1.9163, -7.9921

Previews

White Background



This preview shows how the YUV color 146.7940, -0.8844, 3.6887 looks on a white background.

Color Contrast Check

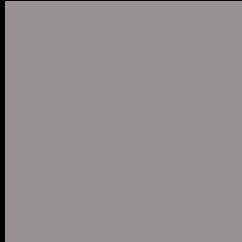
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.7940, -0.8844, 3.6887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

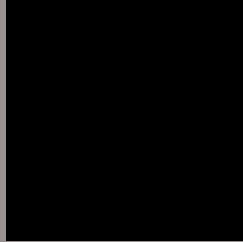
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.7940, -0.8844, 3.6887

Background



This preview shows how black text looks on a background with the YUV color 146.7940, -0.8844, 3.6887.



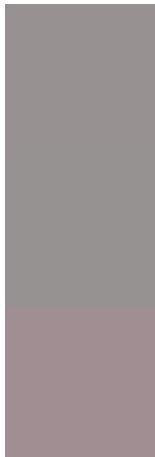
This preview shows how white text looks on a background with the YUV color 146.7940, -0.8844,

3.6887.

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

146.7940, -0.8844, 3.6887

Protanopia

146.7830, -0.8790, 1.9443

Deuteranopia

148.1370, -1.0535, 11.2809



Tritanopia

147.0590, 3.9149, 4.3333

Trichromacy



Original Color

146.7940, -0.8844, 3.6887

Protanomaly

147.0820, -1.0264, 2.5591

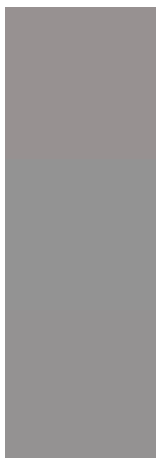
Deuteranomaly

147.5280, -0.7533, 8.3069

Tritanomaly

147.1900, 1.8783, 4.2184

Monochromacy



Original Color

146.7940, -0.8844, 3.6887

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.5980, -0.2948, 1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7940, -0.8844, 3.6887 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(151, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(151, 145, 145)  
}
```

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(151, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 145, 145) }
```

Border

The CSS property to change the border of an element to YUV 146.7940, -0.8844, 3.6887 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(151, 145, 145) }
```


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

```
.border{ border-color:rgb(151, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(151, 145,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 146.7940, -0.8844, 3.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 145, 145) }
```

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

```
.background{ background-color: rgb(151,  
145, 145) }
```

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