

Converting Colors

YUV(145.3940, -17.9422,
-31.9175)

Have a look what the booklet for
YUV(145.3940, -17.9422, -31.9175)
contains.

YUV(145.3940, -17.9422, -31.9175)	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(145.3940, -17.9422,
-31.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	6DAB6D
RGB	109, 171, 109
RGB Percent	43%, 67%, 43%
CMY	0.5725, 0.3294, 0.5725
CMYK	0.36, 0.00, 0.36, 0.33
HSL	120°, 27%, 55%
HSV	120°, 36%, 67%
XYZ	23.6299, 33.4812, 19.6851
YIQ	145.3940, -17.0500, -32.4260

Conversions

Conversions Part 2

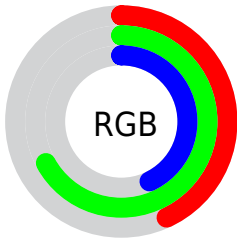
Format	Color
RYB	109, 171, 171
Decimal	7187309
CIELab	64.55, -32.80, 25.79
CIELCh	65, 41.720, 141.822
Yxy	33.4812, 0.3077, 0.4360
Android (android.graphics.Color)	4285377389 (0xFF6DAB6D)
YUV	145.3940, -17.9422, -31.9175
Hunter-Lab	57.8629, -28.3647, 20.3335

Details

The YUV color **145.3940, -17.9422, -31.9175** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **134.6060, 17.9422, 31.9175**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3400, -19.3946, -32.7472**, and **93.1490, -16.3425, -31.7027** is the 20% darker color. If you saturate the color by 10%, you get **138.3730, -22.8619, -40.6691**, and if you desaturate by 10%, it is **152.4150, -13.0226, -23.1660**.

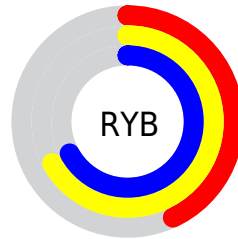
Distribution



Red (43%)

Green (67%)

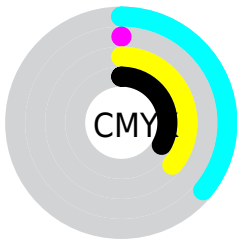
Blue (43%)



Red (43%)

Yellow (67%)

Blue (67%)

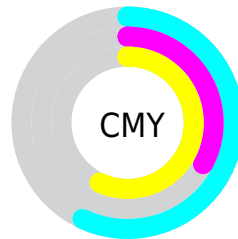


Cyan (36%)

Magenta (0%)

Yellow (36%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.3940, -17.9422, -31.9175 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 145.3940, -17.9422, -31.9175 by changing the saturation by 10% instead.

■ 145.3940,
-17.9422, -31.9175

■ 145.3940,
-17.9422, -31.9175

■ 255.0000, 0.0000,
0.0000

■ 118.9210,
-17.2161, -31.5027

■ 200.3400,
-19.3946, -32.7472

■ 93.1490, -16.3425,
-31.7027

■ 228.2260,
-19.8314, -32.6472

■ 68.1920, -14.8847,
-32.6174

■ 239.7900,
-11.7285, -18.2328

■ 42.2130, -13.4160,
-37.0208

■ 251.7670, -3.3361,
-3.3037

■ 27.0020, -13.3120,
-23.6808

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,

0.0000

■ 145.3940,
-17.9422, -31.9175

■ 145.3940,
-17.9422, -31.9175

■ 138.3730,
-22.8619, -40.6691

■ 152.4150,
-13.0226, -23.1660

■ 131.3520,
-27.7815, -49.4207

■ 159.4360, -8.1029,
-14.4144

■ 124.3310,
-32.7012, -58.1723

■ 166.4570, -3.1833,
-5.6628

■ 117.3100,
-37.6208, -66.9239

■ 173.4780, 1.7363,
3.0888

■ 109.8760,
-42.8299, -76.1903

■ 180.4990, 6.6560,
11.8404

■ 102.8550,
-47.7495, -84.9418

■ 187.9330, 11.8650,
21.1068

■ 100.3770,
-49.4859, -88.0306

■ 194.9540, 16.7847,
29.8583

■ 201.9750, 21.7043,
38.6099

■ 205.6920, 24.3088,
43.2431

Harmonies

Analogous

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



151.1180, -32.5962, 1.6505



145.3940, -17.9422, -31.9175



133.9060, 5.4693, -74.4626

Triad

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



145.3940, -17.9422, -31.9175



144.0270, 42.3847, -61.4137



158.2420, -13.4303, 61.1778

Complementary

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



145.3940, -17.9422, -31.9175



134.6060, 17.9422, 31.9175

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.



159.7800, 4.0525, 53.6899



145.3940, -17.9422, -31.9175



157.4570, 33.7917, -11.8018

Square

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



145.3940, -17.9422, -31.9175



125.3600, 43.6995, -109.9407



161.2680, 20.5739, 27.8290



156.5770, -28.3855, 51.2370

Rectangle

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



145.3940, -17.9422, -31.9175



122.8060, 23.7596, -107.7009



161.2680, 20.5739, 27.8290



158.4360, -7.6099, 61.0076

Sweetspot

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



145.3940, -17.9422, -31.9175



211.6750, -7.2348, -12.8700



163.9320, -27.0815, 6.1986



106.2180, -4.0515, -7.2072



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



145.3940, -17.9422, -31.9175



181.5260, -28.3603, -50.4503



148.9280, -4.4015, -35.0169



83.2830, -2.6045, -4.6332



88.0500, -43.4087, -77.2198



13.5010, -6.6560, -11.8404

Inverse Universe

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



134.6060, 17.9422, 31.9175



164.4740, 28.3603, 50.4503



131.0720, 4.4015, 35.0169



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 145.3940, -17.9422, -31.9175 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 145.3940, -17.9422, -31.9175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

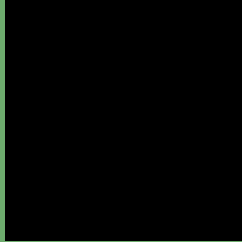
Any Text WCAG AA ✓ Pass

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 145.3940, -17.9422, -31.9175 Background



This preview shows how black text looks on a background with the YUV color 145.3940, -17.9422, -31.9175.



This preview shows how white text looks on a background with the YUV color 145.3940, -17.9422, -31.9175.

-31.9175.

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

145.3940, -17.9422, -31.9175

Protanopia

153.8450, -25.0666, 13.2909

Deuteranopia

155.4750, -20.4472, 25.0164



Tritanopia

152.2230, 11.7221, -26.5056

Trichromacy



Original Color

145.3940, -17.9422, -31.9175

Protanomaly

150.4300, -22.3970, -3.0081

Deuteranomaly

151.8700, -19.6559, 4.4990

Tritanomaly

149.7530, 1.1078, -28.7244

Monochromacy



Original Color

145.3940, -17.9422, -31.9175

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.3940, -17.9422, -31.9175 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(109, 171, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 171, 109)  
}
```

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(109, 171, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 171, 109) }
```

Border

The CSS property to change the border of an element to YUV 145.3940, -17.9422, -31.9175 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

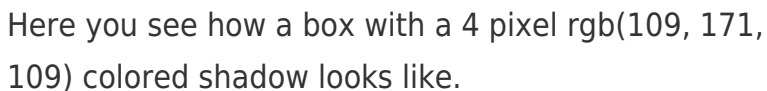
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 171, 109) }
```


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

```
.border{ border-color:rgb(109, 171, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 171, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 171, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 171, 109); box-shadow:4px 4px 4px 4px rgb(109, 171, 109) }
```

Background

The CSS property to change the background color of an element to YUV 145.3940, -17.9422, -31.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 171, 109) }
```

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

```
.background{ background-color: rgb(109,  
171, 109) }
```

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