

Converting Colors

YUV(145.7180, 31.1980,
-19.9237)

Have a look what the booklet for
YUV(145.7180, 31.1980, -19.9237)
contains.

YUV(145.7180, 31.1980, -19.9237)	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(145.7180, 31.1980,
-19.9237)**

Conversions

Conversions Part 1

Format	Color
Hex	7B91D1
RGB	123, 145, 209
RGB Percent	48%, 57%, 82%
CMY	0.5176, 0.4314, 0.1804
CMYK	0.41, 0.31, 0.00, 0.18
HSL	225°, 48%, 65%
HSV	225°, 41%, 82%
XYZ	29.8024, 29.0652, 64.3610
YIQ	145.7180, -33.6560, 15.2400

Conversions

Conversions Part 2

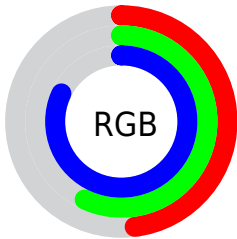
Format	Color
RYB	123, 141, 209
Decimal	8098257
CIELab	60.84, 8.48, -35.37
CIElCh	61, 36.370, 283.484
Yxy	29.0652, 0.2418, 0.2359
Android (android.graphics.Color)	4286288337 (0xFF7B91D1)
YUV	145.7180, 31.1980, -19.9237
Hunter-Lab	53.9122, 4.3278, -33.0426

Details

The YUV color $145.7180, 31.1980, -19.9237$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $186.2820, -31.1980, 19.9237$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.1050, 27.5562, -18.5091$, and $93.9520, 29.6037, -21.8829$ is the 20% darker color. If you saturate the color by 10%, you get $130.0470, 38.9238, -24.5972$, and if you desaturate by 10%, it is $161.3890, 23.4722, -15.2502$.

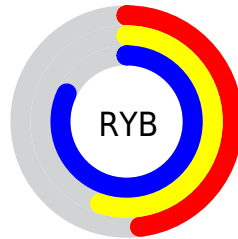
Distribution



Red (48%)

Green (57%)

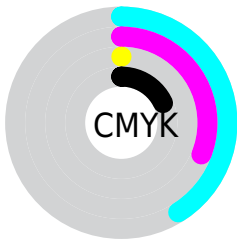
Blue (82%)



Red (48%)

Yellow (55%)

Blue (82%)

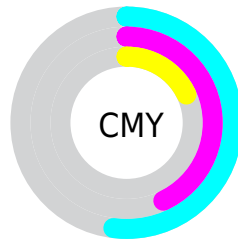


Cyan (41%)

Magenta (31%)

Yellow (0%)

Black (18%)



Cyan (52%)

Magenta (43%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.7180, 31.1980, -19.9237 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 145.7180, 31.1980, -19.9237 by changing the saturation by 10% instead.

■ 145.7180, 31.1980,
-19.9237

■ 145.7180, 31.1980,
-19.9237

255.0000, 0.0000,
0.0000

■ 119.1910, 30.4718,
-20.3385

■ 199.1050, 27.5562,
-18.5091

■ 93.9520, 29.6037,
-21.8829

■ 224.2120, 15.1785,
-15.0949

■ 68.5280, 29.3197,
-24.1421

■ 249.3190, 2.8007,
-11.6808

■ 41.1030, 30.5152,
-34.2933

■ 25.9150, 25.6779,
-22.7275

■ 6.8570, 23.7345,
-6.0136

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 145.7180, 31.1980,
-19.9237

■ 145.7180, 31.1980,
-19.9237

■ 130.0470, 38.9238,
-24.5972

■ 161.3890, 23.4722,
-15.2502

■ 114.9630, 46.3602,
-29.7856

■ 176.4730, 16.0358,
-10.0618

■ 99.2920, 54.0860,
-34.4591

■ 192.1440, 8.3100,
-5.3883

■ 84.2080, 61.5225,
-39.6474

■ 207.2280, 0.8736,
-0.2000

■ 68.5370, 69.2483,
-44.3209

■ 222.8990, -6.8522,
4.4736

■ 54.9370, 75.9531,
-48.1797

■ 237.6840,
-14.1412, 9.0471

■ 249.1690,
-19.8033, 5.1138

■ 249.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



133.5340, 36.7117, -61.8583



145.7180, 31.1980, -19.9237



150.7180, 21.3380, 16.0333

Triad

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



145.7180, 31.1980, -19.9237



147.6890, -21.5387, 48.5077



132.5840, -2.7529, -50.5012

Complementary

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



145.7180, 31.1980, -19.9237



186.2820, -31.1980, 19.9237

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.



139.0150, -19.7274, -19.3072



145.7180, 31.1980, -19.9237



146.0000, -30.0730, 32.4490

Square

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



145.7180, 31.1980, -19.9237



149.2670, -8.0196, 52.3858



142.6720, -29.4183, 9.0577



115.8180, 22.2747, -98.0644

Rectangle

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



145.7180, 31.1980, -19.9237



150.8360, 12.4059, 34.3468



142.6720, -29.4183, 9.0577



134.7550, -8.7532, -39.2501

Sweetspot

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



145.7180, 31.1980, -19.9237



232.2300, 11.2256, -7.2177



180.6640, 2.6306, -50.5713



114.4000, 6.7048, -3.8588



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.



145.7180, 31.1980, -19.9237



163.0340, 45.3392, -28.9708



138.7840, 34.6165, 3.6974



97.0150, 3.9366, -2.6442



44.3930, 60.9383, -38.9327



10.5440, 15.0148, -9.2471

Inverse Universe

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



151.2220, -3.0674, 50.6713



171.0230, -4.4483, 73.6478



193.2160, -34.6165, -3.6974



97.6310, -0.3111, 6.4626



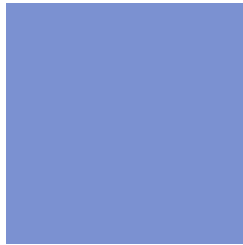
55.1340, -5.9821, 98.9835



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 145.7180, 31.1980, -19.9237 looks on a white background.

Color Contrast Check

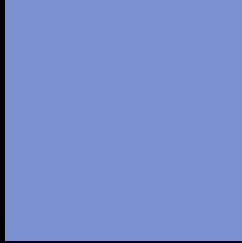
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.7180, 31.1980, -19.9237 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 145.7180, 31.1980, -19.9237

Background



This preview shows how black text looks on a background with the YUV color 145.7180, 31.1980, -19.9237.



This preview shows how white text looks on a background with the YUV color 145.7180, 31.1980, -19.9237.

-19.9237.

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

145.7180, 31.1980, -19.9237

Protanopia

145.9140, 30.6084, -17.4646

Deuteranopia

145.7180, 31.1980, -19.9237



Tritanopia

142.2230, 11.7221, -26.5056

Trichromacy



Original Color

145.7180, 31.1980, -19.9237

Protanomaly

145.6150, 30.7558, -18.0794

Deuteranomaly

145.7180, 31.1980, -19.9237

Tritanomaly

143.4820, 18.9894, -24.1017

Monochromacy



Original Color

145.7180, 31.1980, -19.9237

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.2300, 11.2256, -7.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.7180, 31.1980, -19.9237 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(123, 145, 209)` looks like.

```
.text, #text, p{  
    color:rgb(123, 145, 209)  
}
```

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(123, 145, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 145, 209) }
```

Border

The CSS property to change the border of an element to YUV 145.7180, 31.1980, -19.9237 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(123, 145, 209) }
```


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

```
.border{ border-color:rgb(123, 145, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 145, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 145, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 145, 209); box-shadow:4px 4px 4px 4px rgb(123, 145, 209) }
```

Background

The CSS property to change the background color of an element to YUV 145.7180, 31.1980, -19.9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 145, 209) }
```

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

```
.background{ background-color: rgb(123,  
145, 209) }
```

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