

Converting Colors

YUV(163.5190, 43.1281,
-19.7492)

Have a look what the booklet for
YUV(163.5190, 43.1281, -19.7492)
contains.

YUV(163.5190, 43.1281, -19.7492)	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(163.5190, 43.1281,
-19.7492)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9EFB
RGB	141, 158, 251
RGB Percent	55%, 62%, 98%
CMY	0.4471, 0.3804, 0.0157
CMYK	0.44, 0.37, 0.00, 0.02
HSL	231°, 93%, 77%
HSV	231°, 44%, 98%
XYZ	40.6240, 37.0815, 96.2831
YIQ	163.5190, -39.9850, 25.3190

Conversions

Conversions Part 2

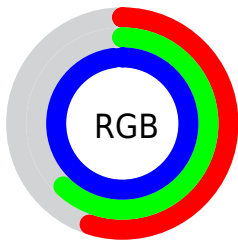
Format	Color
RYB	141, 156, 251
Decimal	9281275
CIELab	67.34, 17.42, -48.28
CIELCh	67, 51.326, 289.836
Yxy	37.0815, 0.2335, 0.2131
Android (android.graphics.Color)	4287471355 (0xFF8D9EFB)
YUV	163.5190, 43.1281, -19.7492
Hunter-Lab	60.8946, 12.5154, -51.1199

Details

The YUV color **163.5190, 43.1281, -19.7492** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **228.4810, -43.1281, 19.7492**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0150, 20.6986, -12.2912**, and **110.0410, 41.3918, -22.8380** is the 20% darker color. If you saturate the color by 10%, you get **143.7170, 52.8905, -24.3078**, and if you desaturate by 10%, it is **183.3210, 33.3657, -15.1905**.

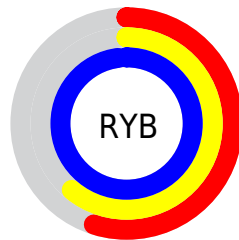
Distribution



Red (55%)

Green (62%)

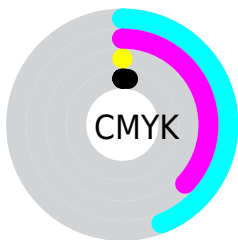
Blue (98%)



Red (55%)

Yellow (61%)

Blue (98%)

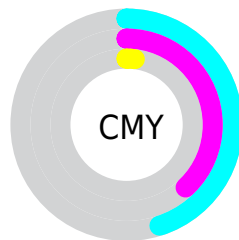


Cyan (44%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (45%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5190, 43.1281, -19.7492 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 163.5190, 43.1281, -19.7492 by changing the saturation by 10% instead.

■ 163.5190, 43.1281,
-19.7492

■ 163.5190, 43.1281,
-19.7492

255.0000, 0.0000,
0.0000

■ 136.5790, 42.1126,
-20.6788

■ 213.0150, 20.6986,
-12.2912

■ 110.0410, 41.3918,
-22.8380

■ 238.7090, 8.0315,
-9.3918

■ 83.4920, 40.6764,
-26.7415

■ 54.4690, 42.1668,
-38.1223

■ 35.8890, 38.5087,
-31.4747

■ 21.8860, 33.0872,
-19.1940

■ 8.5840, 27.8131,

-7.5282

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 163.5190, 43.1281,
-19.7492

■ 163.5190, 43.1281,
-19.7492

■ 143.7170, 52.8905,
-24.3078

■ 183.3210, 33.3657,
-15.1905

■ 123.9150, 62.6529,
-28.8665

■ 203.1230, 23.6034,
-10.6319

■ 103.5260, 72.7047,
-32.9103

■ 223.5120, 13.5516,
-6.5880

■ 83.7240, 82.4671,
-37.4689

■ 243.3140, 3.7892,
-2.0294

■ 63.9220, 92.2295,
-42.0276

254.5440, -1.7472,
0.3999

■ 51.5070, 98.3500,
-45.1716

Harmonies

Analogous

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



131.2080, 61.0295, -115.0694



163.5190, 43.1281, -19.7492



169.0110, 27.1096, 31.5624

Triad

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



163.5190, 43.1281, -19.7492



162.9870, -33.5176, 64.0324



125.8260, 9.9458, -110.3494

Complementary

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



163.5190, 43.1281, -19.7492



228.4810, -43.1281, 19.7492

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.



149.8680, -23.5989, -37.5952



163.5190, 43.1281, -19.7492



160.5480, -44.6402, 38.1074

Square

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



163.5190, 43.1281, -19.7492



164.4010, -14.4947, 75.9473



156.8380, -41.3321, 3.6501



131.8850, 30.6227, -115.6631

Rectangle

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



163.5190, 43.1281, -19.7492



167.5490, 14.5193, 56.5235



156.8380, -41.3321, 3.6501



139.2620, -4.5662, -75.6518

Sweetspot

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



163.5190, 43.1281, -19.7492



228.6970, 12.9674, -5.8733



216.0580, 8.3524, -65.8259



111.1550, 8.3046, -3.6439



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.



163.5190, 43.1281, -19.7492



147.7170, 52.8905, -24.3078



164.6030, 42.5937, 11.7492



114.6560, 5.0996, -2.3293



38.5690, 74.1625, -33.8250



12.2370, 24.0402, -10.7318

Inverse Universe

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



175.8280, -8.7892, 65.9258



162.7590, -10.7272, 80.8954



227.3970, -42.5937, -11.7492



116.1150, -1.0427, 7.7921



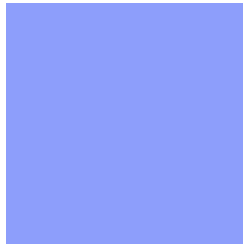
59.8170, -15.1928, 113.2935



19.2650, -5.0606, 36.6016

Previews

White Background



This preview shows how the YUV color 163.5190, 43.1281, -19.7492 looks on a white background.

Color Contrast Check

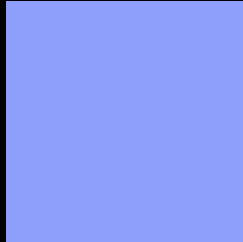
Large Text (above 18pt) WCAG AA × Fail

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 163.5190, 43.1281, -19.7492 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 163.5190, 43.1281, -19.7492

Background



This preview shows how black text looks on a background with the YUV color 163.5190, 43.1281, -19.7492.



This preview shows how white text looks on a background with the YUV color 163.5190, 43.1281, -19.7492.

-19.7492.

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

163.5190, 43.1281, -19.7492

Protanopia

161.6320, 45.0444, -27.7413

Deuteranopia

160.3600, 44.1925, -34.5187



Tritanopia

158.8310, 12.9013, -31.4238

Trichromacy



Original Color

163.5190, 43.1281, -19.7492

Protanomaly

162.1270, 44.3074, -24.6674

Deuteranomaly

161.2790, 43.7395, -29.1857

Tritanomaly

160.7250, 23.7996, -26.9458

Monochromacy



Original Color

163.5190, 43.1281, -19.7492

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0820, 15.7356, -7.0879

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5190, 43.1281, -19.7492 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(141, 158, 251)` looks like.

```
.text, #text, p{  
    color:rgb(141, 158, 251)  
}
```

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(141, 158, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 158, 251) }
```

Border

The CSS property to change the border of an element to YUV 163.5190, 43.1281, -19.7492 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(141, 158, 251) }
```


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

```
.border{ border-color:rgb(141, 158, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 158, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 158, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 158, 251);  
box-shadow:4px 4px 4px 4px rgb(141, 158,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 163.5190, 43.1281, -19.7492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 158, 251) }
```

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

```
.background{ background-color: rgb(141,  
158, 251) }
```

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