

Converting Colors

YUV(163.2910, 42.2545,
-19.5492)

Have a look what the booklet for
YUV(163.2910, 42.2545, -19.5492)
contains.

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Color

**YUV(163.2910, 42.2545,
-19.5492)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9EF9
RGB	141, 158, 249
RGB Percent	55%, 62%, 98%
CMY	0.4471, 0.3804, 0.0235
CMYK	0.43, 0.37, 0.00, 0.02
HSL	231°, 90%, 76%
HSV	231°, 43%, 98%
XYZ	40.3102, 36.9560, 94.6312
YIQ	163.2910, -39.3430, 24.6970

Conversions

Conversions Part 2

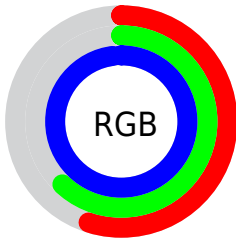
Format	Color
RYB	141, 156, 249
Decimal	9281273
CIELab	67.24, 16.85, -47.34
CIELCh	67, 50.248, 289.593
Yxy	36.9560, 0.2345, 0.2150
Android (android.graphics.Color)	4287471353 (0xFF8D9EF9)
YUV	163.2910, 42.2545, -19.5492
Hunter-Lab	60.7914, 11.9767, -49.7399

Details

The YUV color $163.2910, 42.2545, -19.5492$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $226.7090, -42.2545, 19.5492$, and the grayscale version is $163.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.7160, 20.8460, -12.9059$, and $109.8130, 40.5182, -22.6380$ is the 20% darker color. If you saturate the color by 10%, you get $143.4890, 52.0169, -24.1079$, and if you desaturate by 10%, it is $183.0930, 32.4922, -14.9906$.

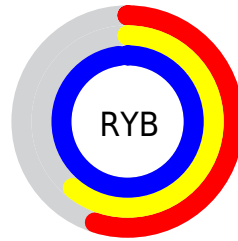
Distribution



Red (55%)

Green (62%)

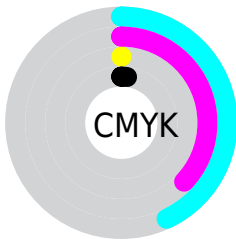
Blue (98%)



Red (55%)

Yellow (61%)

Blue (98%)

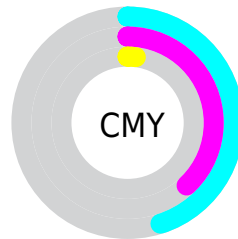


Cyan (43%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (45%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.2910, 42.2545, -19.5492 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 163.2910, 42.2545, -19.5492 by changing the saturation by 10% instead.

■ 163.2910, 42.2545,
-19.5492

■ 163.2910, 42.2545,
-19.5492

255.0000, 0.0000,
0.0000

■ 136.3510, 41.2390,
-20.4788

■ 212.7160, 20.8460,
-12.9059

■ 109.8130, 40.5182,
-22.6380

■ 238.7090, 8.0315,
-9.3918

■ 83.6770, 40.0922,
-26.0267

■ 55.1380, 40.8510,
-36.0780

■ 35.6610, 37.6351,
-31.2747

■ 21.6580, 32.2136,
-18.9941

■ 8.9430, 26.6501,

-7.8430

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 163.2910, 42.2545,
-19.5492

■ 163.2910, 42.2545,
-19.5492

■ 143.4890, 52.0169,
-24.1079

■ 183.0930, 32.4922,
-14.9906

■ 123.6870, 61.7793,
-28.6665

■ 202.8950, 22.7298,
-10.4319

■ 103.8850, 71.5417,
-33.2251

■ 222.6970, 12.9674,
-5.8733

■ 84.0830, 81.3041,
-37.7838

■ 242.4990, 3.2050,
-1.3146

■ 64.5800, 90.9191,
-41.7277

■ 254.3160, -2.6208,
0.5999

■ 51.2790, 97.4765,
-44.9717

Harmonies

Analogous

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



130.2790, 60.0085, -114.2547



163.2910, 42.2545, -19.5492



168.5980, 26.8202, 31.0476

Triad

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



163.2910, 42.2545, -19.5492



162.8020, -32.9334, 63.3176



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.



163.2910, 42.2545, -19.5492



226.7090, -42.2545, 19.5492

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.



149.6940, -23.0201, -36.5656



163.2910, 42.2545, -19.5492



160.7760, -43.7666, 37.9074

Square

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



163.2910, 42.2545, -19.5492



164.5040, -14.0525, 74.1030



156.4790, -40.1691, 3.9649



131.1840, 30.4753, -115.0484

Rectangle

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



163.2910, 42.2545, -19.5492



167.7230, 13.9406, 55.4939



156.4790, -40.1691, 3.9649



140.2840, -4.5770, -72.1631

Sweetspot

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



163.2910, 42.2545, -19.5492



228.6970, 12.9674, -5.8733



214.6560, 8.0576, -64.5963



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.



163.2910, 42.2545, -19.5492



149.4890, 52.0169, -24.1079



164.0760, 41.8675, 11.3343



114.6560, 5.0996, -2.3293



39.1560, 73.8731, -34.3398



12.8240, 23.7508, -11.2466

Inverse Universe

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



175.2300, -8.4944, 64.6963



164.1610, -10.4324, 79.6658



225.9240, -41.8675, -11.3343



116.1150, -1.0427, 7.7921



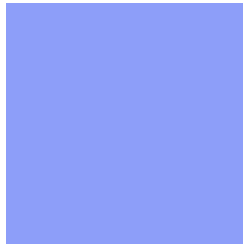
59.9310, -14.7560, 113.1935



19.3790, -4.6238, 36.5016

Previews

White Background



This preview shows how the YUV color 163.2910, 42.2545, -19.5492 looks on a white background.

Color Contrast Check

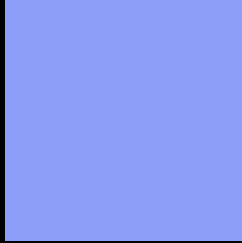
Large Text (above 18pt) WCAG AA × Fail

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 163.2910, 42.2545, -19.5492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

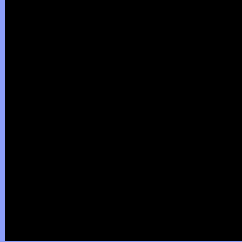
Any Text WCAG AA ✓ Pass

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 163.2910, 42.2545, -19.5492 Background



This preview shows how black text looks on a background with the YUV color 163.2910, 42.2545, -19.5492.



This preview shows how white text looks on a background with the YUV color 163.2910, 42.2545, -19.5492.

-19.5492.

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

163.2910, 42.2545, -19.5492

Protanopia

161.7030, 44.0234, -26.9265

Deuteranopia

160.7300, 43.0241, -33.0892



Tritanopia

158.5430, 13.0433, -30.2942

Trichromacy



Original Color

163.2910, 42.2545, -19.5492

Protanomaly

162.1980, 43.2864, -23.8526

Deuteranomaly

161.6490, 42.5710, -27.7562

Tritanomaly

160.0240, 23.6522, -26.3310

Monochromacy



Original Color

163.2910, 42.2545, -19.5492

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9680, 15.2988, -6.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.2910, 42.2545, -19.5492 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(141, 158, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 158, 249) }
```

Border

The CSS property to change the border of an element to YUV 163.2910, 42.2545, -19.5492 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, 249) }
```


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

```
.border{ border-color:rgb(141, 158, 249) }
```

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, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 158, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 158, 249);  
box-shadow:4px 4px 4px 4px rgb(141, 158,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 163.2910, 42.2545, -19.5492 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, 249) }
```

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

```
.background{ background-color: rgb(141,  
158, 249) }
```

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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