

Converting Colors

YUV(159.5420, 21.4248,
-11.8763)

Have a look what the booklet for
YUV(159.5420, 21.4248, -11.8763)
contains.

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Color

**YUV(159.5420, 21.4248,
-11.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	929ECB
RGB	146, 158, 203
RGB Percent	57%, 62%, 80%
CMY	0.4275, 0.3804, 0.2039
CMYK	0.28, 0.22, 0.00, 0.20
HSL	227°, 35%, 68%
HSV	227°, 28%, 80%
XYZ	34.8604, 34.8765, 61.3944
YIQ	159.5420, -21.5970, 11.4510

Conversions

Conversions Part 2

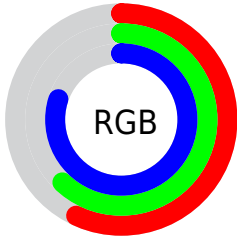
Format	Color
R_{YB}	146, 156, 203
Decimal	9608907
CIE Lab	65.65, 5.96, -24.45
CIE LCh	66, 25.164, 283.689
Yxy	34.8765, 0.2658, 0.2660
Android (android.graphics.Color)	4287798987 (0xFF929ECB)
YUV	159.5420, 21.4248, -11.8763
Hunter-Lab	59.0563, 2.0183, -20.2979

Details

The YUV color $159.5420, 21.4248, -11.8763$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.4580, -21.4248, 11.8763$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $214.2000, 20.1144, -11.5764$, and $107.9010, 20.2618, -12.1912$ is the 20% darker color. If you saturate the color by 10%, you get $144.1700, 29.0032, -15.9351$, and if you desaturate by 10%, it is $174.9140, 13.8464, -7.8176$.

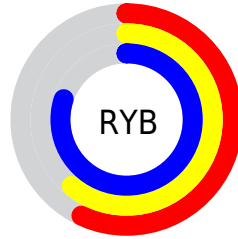
Distribution



Red (57%)

Green (62%)

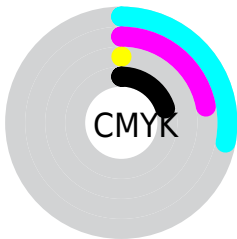
Blue (80%)



Red (57%)

Yellow (61%)

Blue (80%)

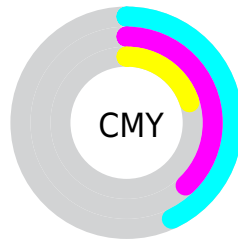


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (20%)



Cyan (43%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5420, 21.4248, -11.8763 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 159.5420, 21.4248, -11.8763 by changing the saturation by 10% instead.

■ 159.5420, 21.4248,
-11.8763

■ 159.5420, 21.4248,
-11.8763

255.0000, 0.0000,
0.0000

■ 133.3140, 20.5512,
-11.6764

■ 214.2000, 20.1144,
-11.5764

■ 107.9010, 20.2618,
-12.1912

■ 239.0080, 7.8841,
-8.7770

■ 83.3740, 19.5356,
-12.6060

■ 59.5480, 18.9568,
-13.6356

■ 36.4230, 18.5255,
-15.2800

■ 16.3800, 17.0677,
-14.3653

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 159.5420, 21.4248,
-11.8763

■ 159.5420, 21.4248,
-11.8763

■ 144.1700, 29.0032,
-15.9351

■ 174.9140, 13.8464,
-7.8176

■ 128.4990, 36.7290,
-20.6086

■ 190.5850, 6.1206,
-3.1440

■ 113.1270, 44.3074,
-24.6674

■ 205.9570, -1.4578,
0.9147

■ 97.7550, 51.8858,
-28.7261

■ 221.3290, -9.0362,
4.9735

■ 82.3830, 59.4642,
-32.7849

■ 237.0000,
-16.7620, 9.6470

■ 66.7120, 67.1900,
-37.4584

■ 248.4850,
-22.4241, 5.7137

■ 51.3400, 74.7684,
-41.5172

■ 249.0720,
-22.7135, 5.1989

■ 48.3830, 76.2262,
-42.4319

Harmonies

Analogous

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



154.2680, 23.5319, -34.4380



159.5420, 21.4248, -11.8763



162.5620, 14.5129, 11.7851

Triad

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



159.5420, 21.4248, -11.8763



161.0940, -15.8223, 34.9976



151.1070, -2.5178, -32.5428

Complementary

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



159.5420, 21.4248, -11.8763



189.4580, -21.4248, 11.8763

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.



154.2530, -13.9287, -12.4999



159.5420, 21.4248, -11.8763



159.6490, -21.0260, 23.9868

Square

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



159.5420, 21.4248, -11.8763



162.3360, -6.0816, 37.4163



156.9520, -20.6823, 7.0581



148.6350, 10.0399, -47.0379

Rectangle

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



159.5420, 21.4248, -11.8763



163.3310, 8.2178, 24.2657



156.9520, -20.6823, 7.0581



152.4130, -6.6126, -25.7952

Sweetspot

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



159.5420, 21.4248, -11.8763



239.6280, 7.5784, -4.0588



184.5890, 3.1606, -33.8426



117.6560, 5.0996, -2.3293



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.



159.5420, 21.4248, -11.8763



189.0710, 32.5030, -18.4793



157.2820, 22.5390, 4.1377



94.3140, 3.7892, -2.0294



39.4690, 62.3798, -34.6143



9.0280, 14.2832, -7.9176

Inverse Universe

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



164.4110, -3.1606, 33.8426



196.1790, -4.5252, 51.5860



191.7180, -22.5390, -4.1377



95.2180, -0.6005, 5.9478



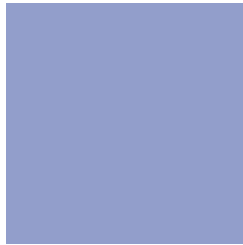
53.6240, -9.1816, 98.5538



12.2740, -2.1071, 22.5617

Previews

White Background



This preview shows how the YUV color 159.5420, 21.4248, -11.8763 looks on a white background.

Color Contrast Check

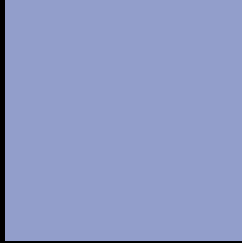
Large Text (above 18pt) WCAG AA × Fail

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 159.5420, 21.4248, -11.8763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

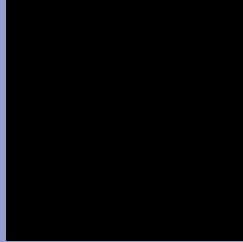
Any Text WCAG AA ✓ Pass

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 159.5420, 21.4248, -11.8763 Background



This preview shows how black text looks on a background with the YUV color 159.5420, 21.4248, -11.8763.



This preview shows how white text looks on a background with the YUV color 159.5420, 21.4248, -11.8763.

-11.8763.

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

159.5420, 21.4248, -11.8763

Protanopia

160.1400, 21.1300, -10.6468

Deuteranopia

160.1620, 21.1191, -7.1581



Tritanopia

157.6050, 9.0687, -15.4396

Trichromacy



Original Color

159.5420, 21.4248, -11.8763

Protanomaly

159.8410, 21.2774, -11.2616

Deuteranomaly

160.1510, 21.1246, -8.9024

Tritanomaly

158.1690, 13.7207, -14.1802

Monochromacy



Original Color

159.5420, 21.4248, -11.8763

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.7420, 8.0152, -4.1587

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5420, 21.4248, -11.8763 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(146, 158, 203)` looks like.

```
.text, #text, p{  
    color:rgb(146, 158, 203)  
}
```

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(146, 158, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 158, 203) }
```

Border

The CSS property to change the border of an element to YUV 159.5420, 21.4248, -11.8763 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(146, 158, 203) }
```


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

```
.border{ border-color:rgb(146, 158, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 158, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 158, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 158, 203);  
box-shadow:4px 4px 4px 4px rgb(146, 158,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 159.5420, 21.4248, -11.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 158, 203) }
```

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

```
.background{ background-color: rgb(146,  
158, 203) }
```

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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