

Converting Colors

YUV(163.3260, -21.3597,
-9.0559)

Have a look what the booklet for
YUV(163.3260, -21.3597, -9.0559)
contains.

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Color

**YUV(163.3260, -21.3597,
-9.0559)**

Conversions

Conversions Part 1

Format	Color
Hex	99B178
RGB	153, 177, 120
RGB Percent	60%, 69%, 47%
CMY	0.4000, 0.3059, 0.5294
CMYK	0.14, 0.00, 0.32, 0.31
HSL	85°, 27%, 58%
HSV	85°, 32%, 69%
XYZ	32.2492, 39.5727, 23.7079
YIQ	163.3260, 3.9930, -22.8150

Conversions

Conversions Part 2

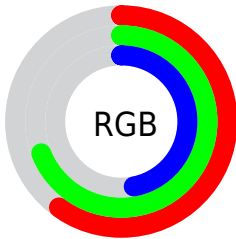
Format	Color
RYB	120, 177, 144
Decimal	10072440
CIELab	69.16, -18.35, 26.51
CIELCh	69, 32.245, 124.688
Yxy	39.5727, 0.3376, 0.4142
Android (android.graphics.Color)	4288262520 (0xFF99B178)
YUV	163.3260, -21.3597, -9.0559
Hunter-Lab	62.9068, -18.5789, 21.6900

Details

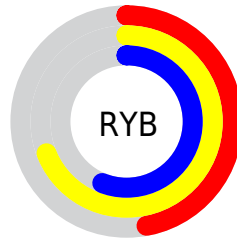
The YUV color **163.3260, -21.3597, -9.0559** is a light color, and the websafe version is hex **999966**. A complement of this color would be **133.6740, 21.3597, 9.0559**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6850, -22.5227, -9.3707**, and **111.0810, -19.7599, -8.8410** is the 20% darker color. If you saturate the color by 10%, you get **159.1810, -28.1902, -11.5597**, and if you desaturate by 10%, it is **167.4710, -14.5292, -6.5521**.

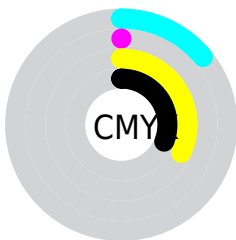
Distribution



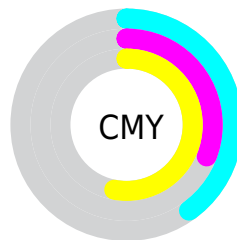
- Red (60%)
- Green (69%)
- Blue (47%)



- Red (47%)
- Yellow (69%)
- Blue (56%)



- Cyan (14%)
- Magenta (0%)
- Yellow (32%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3260, -21.3597, -9.0559 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 163.3260, -21.3597, -9.0559 by changing the saturation by 10% instead.

■ 163.3260,
-21.3597, -9.0559

■ 163.3260,
-21.3597, -9.0559

■ 255.0000, 0.0000,
0.0000

■ 136.8530,
-20.6335, -8.6411

■ 218.6850,
-22.5227, -9.3707

■ 111.0810,
-19.7599, -8.8410

■ 243.0490,
-21.2232, -6.1820

■ 86.1950, -19.3231,
-8.9410

■ 251.9220,
-11.7935, 2.6994

■ 62.7220, -18.5969,
-8.5262

■ 40.0810, -19.7599,
-8.8410

■ 19.6810, -9.7027,
-14.6292

■ 0.0000, 0.0000,

0.0000

■ 163.3260,
-21.3597, -9.0559

■ 163.3260,
-21.3597, -9.0559

■ 159.1810,
-28.1902, -11.5597

■ 167.4710,
-14.5292, -6.5521

■ 154.8510,
-34.4365, -14.7783

■ 171.8010, -8.2829,
-3.3335

■ 150.7060,
-41.2671, -17.2822

■ 175.9460, -1.4524,
-0.8296

■ 146.2620,
-47.9502, -20.4008

■ 180.3900, 5.2307,
2.2890

■ 142.2310,
-54.3439, -23.0046

■ 184.5350, 12.0612,
4.7928

■ 137.7870,
-61.0270, -26.1232

■ 188.8650, 18.3076,
8.0114

■ 134.3970,
-66.2577, -28.4122

■ 193.0100, 25.1381,
10.5152

■ 196.6560, 28.7636,
14.3337

■ 198.7490, 27.7317,
18.6371

Harmonies

Analogous

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



166.7590, -27.9822, 15.1204



163.3260, -21.3597, -9.0559



159.3040, -8.0379, -35.3466

Triad

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



163.3260, -21.3597, -9.0559



158.0740, 31.0225, -57.0699



172.3740, -3.6354, 46.1530

Complementary

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



163.3260, -21.3597, -9.0559



133.6740, 21.3597, 9.0559

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.



173.5430, 10.0853, 31.9728



163.3260, -21.3597, -9.0559



166.3320, 29.9093, -26.6012

Square

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



163.3260, -21.3597, -9.0559



151.5530, 24.3774, -72.3990



172.1790, 22.0968, 5.9820



170.9430, -16.7339, 47.4080

Rectangle

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



163.3260, -21.3597, -9.0559



155.1800, 3.3623, -51.9009



172.1790, 22.0968, 5.9820



172.6170, 1.1748, 43.3089

Sweetspot

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



163.3260, -21.3597, -9.0559



224.3880, -8.5723, -3.8483



151.1310, -15.3476, 22.6871



111.6100, -5.2307, -2.2890



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



163.3260, -21.3597, -9.0559



208.3780, -33.7104, -14.3635



154.9540, -17.2323, -26.2697



86.7780, -3.3416, -1.5593



116.4220, -57.3960, -24.0491



19.7470, -9.7353, -4.1631

Inverse Universe

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



133.6740, 21.3597, 9.0559



161.6220, 33.7104, 14.3635



142.0460, 17.2323, 26.2697



82.2220, 3.3416, 1.5593



36.5780, 57.3960, 24.0491



6.2530, 9.7353, 4.1631

Previews

White Background



This preview shows how the YUV color 163.3260, -21.3597, -9.0559 looks on a white background.

Color Contrast Check

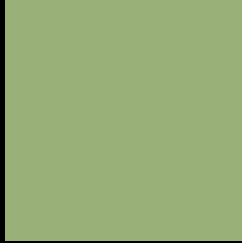
Large Text (above 18pt) WCAG AA × Fail

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 163.3260, -21.3597, -9.0559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

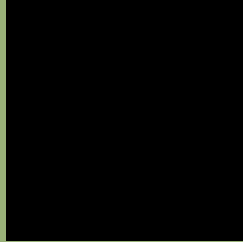
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.3260, -21.3597, -9.0559

Background



This preview shows how black text looks on a background with the YUV color 163.3260, -21.3597, -9.0559.



This preview shows how white text looks on a background with the YUV color 163.3260, -21.3597, -9.0559.

-9.0559.

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

163.3260, -21.3597, -9.0559

Protanopia

166.2580, -24.7772, 13.8057

Deuteranopia

168.0300, -22.1998, 27.1607



Tritanopia

168.5030, 7.1470, -5.7031

Trichromacy



Original Color

163.3260, -21.3597, -9.0559

Protanomaly

164.8440, -23.5871, 5.3988

Deuteranomaly

166.3550, -21.8670, 13.7207

Tritanomaly

166.7450, -3.3253, -6.7924

Monochromacy



Original Color

163.3260, -21.3597, -9.0559

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9150, -7.8461, -3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3260, -21.3597, -9.0559 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(153, 177, 120)` looks like.

```
.text, #text, p{  
    color:rgb(153, 177, 120)  
}
```

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(153, 177, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 177, 120) }
```

Border

The CSS property to change the border of an element to YUV 163.3260, -21.3597, -9.0559 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(153, 177, 120) }
```


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

```
.border{ border-color:rgb(153, 177, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 177, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 177, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 177, 120);  
box-shadow:4px 4px 4px 4px rgb(153, 177,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 163.3260, -21.3597, -9.0559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 177, 120) }
```

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

```
.background{ background-color: rgb(153,  
177, 120) }
```

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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