

Converting Colors

YUV(160.5210, 36.7181,
-17.1199)

Have a look what the booklet for
YUV(160.5210, 36.7181, -17.1199)
contains.

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Color

**YUV(160.5210, 36.7181,
-17.1199)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9CEB
RGB	141, 156, 235
RGB Percent	55%, 61%, 92%
CMY	0.4471, 0.3882, 0.0784
CMYK	0.40, 0.34, 0.00, 0.08
HSL	230°, 70%, 74%
HSV	230°, 40%, 92%
XYZ	37.8684, 35.4378, 83.4416
YIQ	160.5210, -34.2990, 21.3890

Conversions

Conversions Part 2

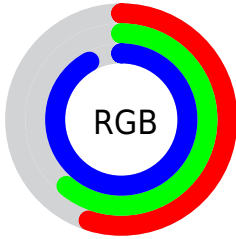
Format	Color
RYB	141, 154, 235
Decimal	9280747
CIELab	66.09, 14.09, -41.49
CIELCh	66, 43.818, 288.755
Yxy	35.4378, 0.2416, 0.2261
Android (android.graphics.Color)	4287470827 (0xFF8D9CEB)
YUV	160.5210, 36.7181, -17.1199
Hunter-Lab	59.5297, 9.3716, -41.4349

Details

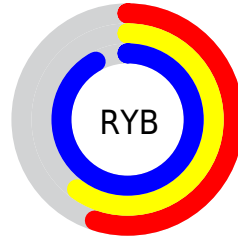
The YUV color **160.5210, 36.7181, -17.1199** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **215.4790, -36.7181, 17.1199**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5420, 21.4248, -11.8763**, and **107.7550, 35.1238, -19.0791** is the 20% darker color. If you saturate the color by 10%, you get **141.9040, 45.8963, -20.9638**, and if you desaturate by 10%, it is **179.4370, 27.3926, -12.6612**.

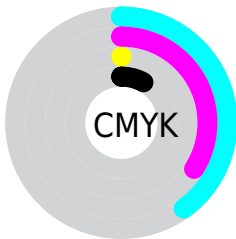
Distribution



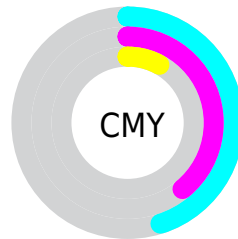
- Red (55%)
- Green (61%)
- Blue (92%)



- Red (55%)
- Yellow (60%)
- Blue (92%)



- Cyan (40%)
- Magenta (34%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (39%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.5210, 36.7181, -17.1199 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 160.5210, 36.7181, -17.1199 by changing the saturation by 10% instead.

■ 160.5210, 36.7181,
-17.1199

■ 160.5210, 36.7181,
-17.1199

255.0000, 0.0000,
0.0000

■ 133.6950, 36.1394,
-18.1495

■ 211.5420, 21.4248,
-11.8763

■ 107.7550, 35.1238,
-19.0791

■ 237.2360, 8.7577,
-8.9770

■ 82.2170, 34.4030,
-21.2383

■ 55.8850, 34.5667,
-27.0861

■ 33.1190, 32.9723,
-29.0454

■ 19.2300, 27.9876,
-16.8647

■ 8.8630, 21.2665,

-7.7729

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 160.5210, 36.7181,
-17.1199

■ 160.5210, 36.7181,
-17.1199

■ 141.9040, 45.8963,
-20.9638

■ 179.4370, 27.3926,
-12.6612

■ 123.5750, 54.9325,
-25.9373

■ 197.4670, 18.5038,
-8.3026

■ 104.9580, 64.1107,
-29.7812

■ 216.3830, 9.1782,
-3.8439

■ 86.0420, 73.4363,
-34.2398

■ 235.0000, 0.0000,
0.0000

■ 67.1260, 82.7619,
-38.6985

■ 252.7200, -8.7360,
1.9996

■ 48.5090, 91.9401,
-42.5424

Harmonies

Analogous

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



143.8620, 45.9170, -74.4240



160.5210, 36.7181, -17.1199



165.3540, 23.4895, 25.9995

Triad

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



160.5210, 36.7181, -17.1199



160.6100, -28.4017, 56.4700



137.9230, 2.9960, -74.4775

Complementary

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



160.5210, 36.7181, -17.1199



215.4790, -36.7181, 17.1199

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.



149.3080, -20.8578, -30.0881



160.5210, 36.7181, -17.1199



158.4750, -37.2092, 34.6634

Square

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



160.5210, 36.7181, -17.1199



161.9050, -12.2782, 64.9813



154.8580, -34.9330, 4.5095



127.3370, 28.4279, -111.6745

Rectangle

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



160.5210, 36.7181, -17.1199



165.2120, 12.2205, 47.1721



154.8580, -34.9330, 4.5095



143.3290, -6.0782, -57.2935

Sweetspot

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



160.5210, 36.7181, -17.1199



230.4690, 12.0938, -5.6733



205.0700, 6.8675, -56.1894



113.2260, 7.2836, -2.8292



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.



160.5210, 36.7181, -17.1199



158.0610, 47.7909, -21.9785



160.9850, 36.4894, 9.6602



107.8410, 4.5154, -1.6146



37.6570, 70.6681, -33.0252



11.4390, 20.9826, -10.0320

Inverse Universe

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



170.8160, -7.3043, 56.2894



171.6440, -9.6845, 73.1032



215.0150, -36.4894, -9.6602



109.4030, -1.1847, 6.6626



57.4250, -14.0135, 108.3753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 160.5210, 36.7181, -17.1199 looks on a white background.

Color Contrast Check

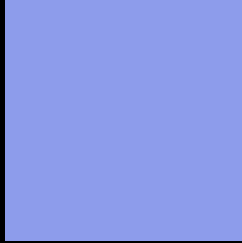
Large Text (above 18pt) WCAG AA × Fail

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 160.5210, 36.7181, -17.1199 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 160.5210, 36.7181, -17.1199

Background



This preview shows how black text looks on a background with the YUV color 160.5210, 36.7181, -17.1199.



This preview shows how white text looks on a background with the YUV color 160.5210, 36.7181, -17.1199.

-17.1199.

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

160.5210, 36.7181, -17.1199

Protanopia

159.7160, 37.6080, -22.5529

Deuteranopia

158.5800, 37.1821, -25.9417



Tritanopia

156.5220, 11.5747, -25.8908

Trichromacy



Original Color

160.5210, 36.7181, -17.1199

Protanomaly

160.0260, 37.4552, -20.1938

Deuteranomaly

159.1890, 36.8818, -22.9678

Tritanomaly

157.9490, 20.7311, -22.7573

Monochromacy



Original Color

160.5210, 36.7181, -17.1199

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.8110, 13.4042, -5.9732

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.5210, 36.7181, -17.1199 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, 156, 235)` looks like.

```
.text, #text, p{  
    color:rgb(141, 156, 235)  
}
```

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, 156, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 156, 235) }
```

Border

The CSS property to change the border of an element to YUV 160.5210, 36.7181, -17.1199 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, 156, 235) }
```


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

```
.border{ border-color:rgb(141, 156, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 156, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 156, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 156, 235);  
box-shadow:4px 4px 4px 4px rgb(141, 156,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 160.5210, 36.7181, -17.1199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 156, 235) }
```

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

```
.background{ background-color: rgb(141,  
156, 235) }
```

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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