

Converting Colors

YUV(155.6210, 28.2878,
-19.8386)

Have a look what the booklet for
YUV(155.6210, 28.2878, -19.8386)
contains.

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Color

**YUV(155.6210, 28.2878,
-19.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	859CD5
RGB	133, 156, 213
RGB Percent	52%, 61%, 84%
CMY	0.4784, 0.3882, 0.1647
CMYK	0.38, 0.27, 0.00, 0.16
HSL	223°, 49%, 68%
HSV	223°, 38%, 84%
XYZ	33.5716, 33.5676, 67.6606
YIQ	155.6210, -32.0050, 12.8510

Conversions

Conversions Part 2

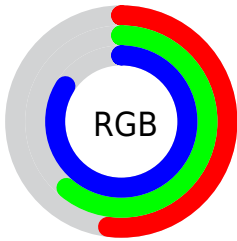
Format	Color
RYB	133, 151, 213
Decimal	8756437
CIELab	64.62, 5.95, -31.67
CIELCh	65, 32.227, 280.636
Yxy	33.5676, 0.2490, 0.2490
Android (android.graphics.Color)	4286946517 (0xFF859CD5)
YUV	155.6210, 28.2878, -19.8386
Hunter-Lab	57.9375, 2.0401, -28.6837

Details

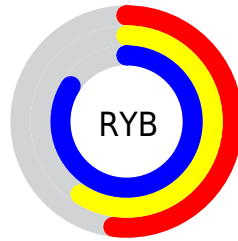
The YUV color **155.6210, 28.2878, -19.8386** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **190.3790, -28.2878, 19.8386**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5520, 22.8989, -18.0241**, and **103.5670, 26.8355, -20.6683** is the 20% darker color. If you saturate the color by 10%, you get **140.5370, 35.7243, -25.0269**, and if you desaturate by 10%, it is **170.7050, 20.8514, -14.6503**.

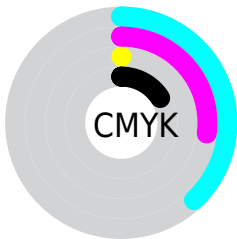
Distribution



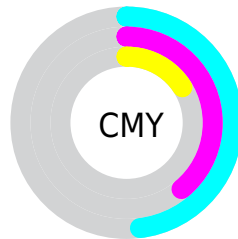
- Red (52%)
- Green (61%)
- Blue (84%)



- Red (52%)
- Yellow (59%)
- Blue (84%)



- Cyan (38%)
- Magenta (27%)
- Yellow (0%)
- Black (16%)



- Cyan (48%)
- Magenta (39%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.6210, 28.2878, -19.8386 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 155.6210, 28.2878, -19.8386 by changing the saturation by 10% instead.

■ 155.6210, 28.2878,
-19.8386

■ 155.6210, 28.2878,
-19.8386

255.0000, 0.0000,
0.0000

■ 129.0940, 27.5617,
-20.2534

■ 208.5520, 22.8989,
-18.0241

■ 103.5670, 26.8355,
-20.6683

■ 234.2460, 10.2317,
-15.1247

■ 78.4420, 26.4041,
-22.3126

■ 252.3090, 1.3267,
-5.5330

■ 53.0070, 26.1255,
-26.3161

■ 31.0670, 25.1100,
-27.2458

■ 16.0040, 20.7040,
-14.0355

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 155.6210, 28.2878,
-19.8386

■ 155.6210, 28.2878,
-19.8386

■ 140.5370, 35.7243,
-25.0269

■ 170.7050, 20.8514,
-14.6503

■ 125.1540, 43.3081,
-30.8301

■ 186.0880, 13.2676,
-8.8472

■ 109.4830, 51.0339,
-35.5036

■ 201.7590, 5.5418,
-4.1736

■ 94.3990, 58.4703,
-40.6919

■ 216.8430, -1.8946,
1.0147

■ 79.3150, 65.9067,
-45.8803

■ 232.2260, -9.4784,
6.8178

■ 63.9320, 73.4905,
-51.6834

■ 245.5160,
-16.0304, 8.3175

■ 60.0890, 75.3851,
-52.6981

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



146.8080, 31.1537, -52.4516



155.6210, 28.2878, -19.8386



160.3430, 20.0439, 11.1002

Triad

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



155.6210, 28.2878, -19.8386



157.8780, -18.1809, 44.8340



145.8950, -4.3852, -40.2499

Complementary

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



155.6210, 28.2878, -19.8386



190.3790, -28.2878, 19.8386

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.



150.2760, -18.8701, -14.2741



155.6210, 28.2878, -19.8386



156.6130, -26.4312, 31.0344

Square

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



155.6210, 28.2878, -19.8386



159.6900, -6.2562, 46.7529



153.7800, -26.5135, 10.7169



139.3230, 13.1518, -65.1813

Rectangle

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



155.6210, 28.2878, -19.8386



161.2760, 11.6959, 28.6989



153.7800, -26.5135, 10.7169



147.5710, -9.6485, -32.0728

Sweetspot

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



155.6210, 28.2878, -19.8386



234.8880, 9.9152, -6.9178



186.3440, 1.3094, -46.7827



115.8730, 5.9786, -4.2736



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.



155.6210, 28.2878, -19.8386



172.4810, 40.6819, -28.4858



146.9040, 32.5853, 1.8382



99.0150, 3.9366, -2.6442



48.2570, 60.5123, -42.3214



11.9460, 15.3096, -10.4766

Inverse Universe

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



159.5420, -1.7462, 46.8827



178.1470, -2.5375, 67.4001



199.0960, -32.5853, -1.8382



99.6310, -0.3111, 6.4626



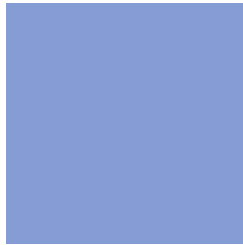
56.7150, -3.8035, 100.2279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 155.6210, 28.2878, -19.8386 looks on a white background.

Color Contrast Check

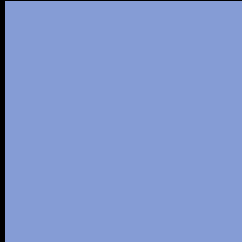
Large Text (above 18pt) WCAG AA × Fail

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 155.6210, 28.2878, -19.8386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

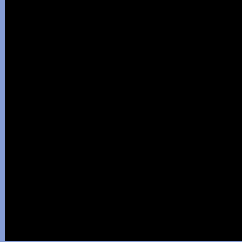
Any Text WCAG AA ✓ Pass

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 155.6210, 28.2878, -19.8386 Background



This preview shows how black text looks on a background with the YUV color 155.6210, 28.2878, -19.8386.



This preview shows how white text looks on a background with the YUV color 155.6210, 28.2878, -19.8386.

-19.8386.

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

155.6210, 28.2878, -19.8386

Protanopia

156.4260, 27.3980, -14.4056

Deuteranopia

156.2410, 27.9822, -15.1204



Tritanopia

152.8210, 11.4272, -25.2760

Trichromacy



Original Color

155.6210, 28.2878, -19.8386

Protanomaly

156.1160, 27.5508, -16.7647

Deuteranomaly

156.2300, 27.9876, -16.8647

Tritanomaly

153.4390, 17.5316, -23.1870

Monochromacy



Original Color

155.6210, 28.2878, -19.8386

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.0020, 10.3520, -7.0178

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.6210, 28.2878, -19.8386 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(133, 156, 213)` looks like.

```
.text, #text, p{  
    color:rgb(133, 156, 213)  
}
```

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(133, 156, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 156, 213) }
```

Border

The CSS property to change the border of an element to YUV 155.6210, 28.2878, -19.8386 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(133, 156, 213) }
```


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

```
.border{ border-color:rgb(133, 156, 213) }
```

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

Here you see how a box with a 4 pixel rgb(133, 156, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 156, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 156, 213);  
box-shadow:4px 4px 4px 4px rgb(133, 156,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 155.6210, 28.2878, -19.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 156, 213) }
```

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

```
.background{ background-color: rgb(133,  
156, 213) }
```

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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