

Converting Colors

YUV(159.4850, 27.8619,
-23.2273)

Have a look what the booklet for
YUV(159.4850, 27.8619, -23.2273)
contains.

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Color

**YUV(159.4850, 27.8619,
-23.2273)**

Conversions

Conversions Part 1

Format	Color
Hex	85A2D8
RGB	133, 162, 216
RGB Percent	52%, 64%, 85%
CMY	0.4784, 0.3647, 0.1529
CMYK	0.38, 0.25, 0.00, 0.15
HSL	219°, 52%, 68%
HSV	219°, 38%, 85%
XYZ	34.9879, 35.7851, 70.0289
YIQ	159.4850, -34.6180, 10.6460

Conversions

Conversions Part 2

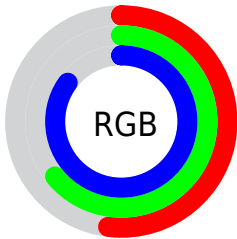
Format	Color
RYB	133, 154, 216
Decimal	8757976
CIELab	66.36, 3.36, -30.65
CIELCh	66, 30.829, 276.258
Yxy	35.7851, 0.2485, 0.2542
Android (android.graphics.Color)	4286948056 (0xFF85A2D8)
YUV	159.4850, 27.8619, -23.2273
Hunter-Lab	59.8206, -0.2851, -27.5333

Details

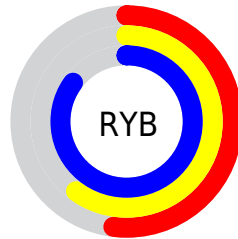
The YUV color **159.4850, 27.8619, -23.2273** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **189.5150, -27.8619, 23.2273**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6610, 20.8731, -21.6277**, and **107.1320, 26.5569, -24.6718** is the 20% darker color. If you saturate the color by 10%, you get **144.6890, 35.1563, -29.5453**, and if you desaturate by 10%, it is **174.2810, 20.5675, -16.9094**.

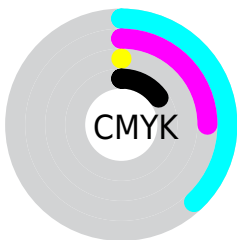
Distribution



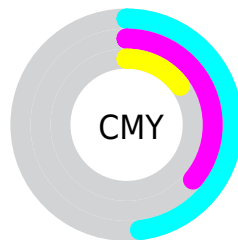
- Red (52%)
- Green (64%)
- Blue (85%)



- Red (52%)
- Yellow (60%)
- Blue (85%)



- Cyan (38%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)



- Cyan (48%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.4850, 27.8619, -23.2273 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 159.4850, 27.8619, -23.2273 by changing the saturation by 10% instead.

■ 159.4850, 27.8619,
-23.2273

■ 159.4850, 27.8619,
-23.2273

■ 255.0000, 0.0000,
0.0000

■ 132.9580, 27.1357,
-23.6422

■ 212.6610, 20.8731,
-21.6277

■ 107.1320, 26.5569,
-24.6718

■ 237.7680, 8.4954,
-18.2135

■ 81.4200, 26.4149,
-25.8013

■ 252.3090, 1.3267,
-5.5330

■ 55.9850, 26.1364,
-29.8048

■ 34.2300, 24.5366,
-30.0197

■ 19.8680, 20.2781,
-17.4242

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 159.4850, 27.8619,
-23.2273

■ 159.4850, 27.8619,
-23.2273

■ 144.6890, 35.1563,
-29.5453

■ 174.2810, 20.5675,
-16.9094

■ 130.1920, 42.3033,
-35.2484

■ 188.7780, 13.4204,
-11.2063

■ 115.3960, 49.5978,
-41.5663

■ 203.5740, 6.1260,
-4.8884

■ 100.8990, 56.7448,
-47.2694

■ 218.0710, -1.0210,
0.8147

■ 86.1030, 64.0392,
-53.5873

■ 232.8670, -8.3154,
7.1326

■ 71.3070, 71.3336,
-59.9052

■ 245.2710,
-14.4306, 8.5323

■ 68.6490, 72.6440,
-60.2052

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



151.3520, 29.4065, -52.0517



159.4850, 27.8619, -23.2273



164.4350, 20.4915, 7.5115

Triad

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



159.4850, 27.8619, -23.2273



163.3340, -16.4337, 44.4341



151.9450, -6.8749, -35.0318

Complementary

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



159.4850, 27.8619, -23.2273



189.5150, -27.8619, 23.2273

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.



155.7820, -19.6125, -9.4558



159.4850, 27.8619, -23.2273



161.3790, -24.8368, 32.9936

Square

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



159.4850, 27.8619, -23.2273



164.2490, -4.0668, 44.5086



158.9160, -26.0876, 14.1057



147.0420, 9.3463, -57.9188

Rectangle

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



159.4850, 27.8619, -23.2273



165.2970, 13.1646, 24.2955



158.9160, -26.0876, 14.1057



153.1480, -11.4120, -26.4398

Sweetspot

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



159.4850, 27.8619, -23.2273



233.9910, 10.3574, -8.7621



187.8770, -0.4324, -48.1271



115.5740, 6.1260, -4.8884



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.



159.4850, 27.8619, -23.2273



175.4050, 39.2403, -32.8042



146.0500, 34.4854, -0.9208



99.6020, 3.6472, -3.1590



54.7140, 57.3290, -47.9842



13.7070, 14.4414, -12.0210

Inverse Universe

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



161.1230, 0.4324, 48.1271



177.6570, 0.6621, 67.8298



202.9500, -34.4853, 0.9209



99.7450, 0.1257, 6.3626



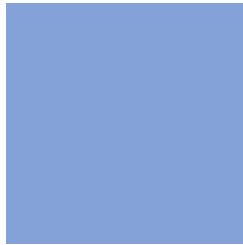
57.9690, 1.0013, 99.1282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 159.4850, 27.8619, -23.2273 looks on a white background.

Color Contrast Check

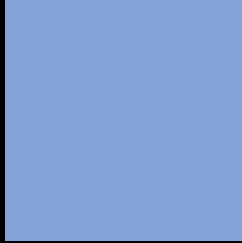
Large Text (above 18pt) WCAG AA × Fail

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 159.4850, 27.8619, -23.2273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

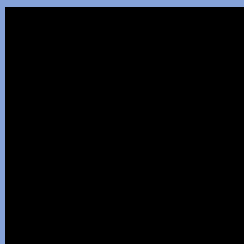
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

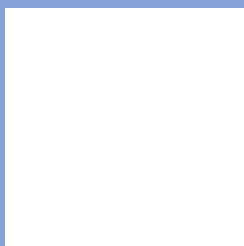
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.4850, 27.8619, -23.2273

Background



This preview shows how black text looks on a background with the YUV color 159.4850, 27.8619, -23.2273.



This preview shows how white text looks on a background with the YUV color 159.4850, 27.8619, -23.2273.

-23.2273.

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

159.4850, 27.8619, -23.2273

Protanopia

161.3830, 25.9402, -13.4909

Deuteranopia

161.4260, 27.3980, -14.4056



Tritanopia

156.4400, 12.6011, -28.4499

Trichromacy



Original Color

159.4850, 27.8619, -23.2273

Protanomaly

160.5890, 26.8246, -17.1796

Deuteranomaly

160.8170, 27.6982, -17.3795

Tritanomaly

157.5310, 17.9792, -26.7757

Monochromacy



Original Color

159.4850, 27.8619, -23.2273

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.2900, 10.2100, -8.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4850, 27.8619, -23.2273 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, 162, 216)` looks like.

```
.text, #text, p{  
    color:rgb(133, 162, 216)  
}
```

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, 162, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 162, 216) }
```

Border

The CSS property to change the border of an element to YUV 159.4850, 27.8619, -23.2273 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, 162, 216) }
```


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

```
.border{ border-color:rgb(133, 162, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 162, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 162, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 162, 216);  
box-shadow:4px 4px 4px 4px rgb(133, 162,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 159.4850, 27.8619, -23.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 162, 216) }
```

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

```
.background{ background-color: rgb(133,  
162, 216) }
```

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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