

Converting Colors

YUV(159.7650, 36.5979,
-25.2269)

Have a look what the booklet for
YUV(159.7650, 36.5979, -25.2269)
contains.

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Color

**YUV(159.7650, 36.5979,
-25.2269)**

Conversions

Conversions Part 1

Format	Color
Hex	83A0EA
RGB	131, 160, 234
RGB Percent	51%, 63%, 92%
CMY	0.4863, 0.3725, 0.0824
CMYK	0.44, 0.32, 0.00, 0.08
HSL	223°, 71%, 72%
HSV	223°, 44%, 92%
XYZ	36.7822, 35.9074, 82.8341
YIQ	159.7650, -41.0380, 16.8660

Conversions

Conversions Part 2

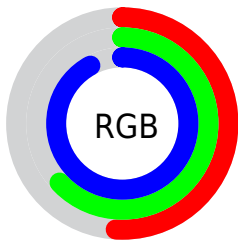
Format	Color
RYB	131, 154, 234
Decimal	8626410
CIELab	66.45, 8.98, -40.42
CIElCh	66, 41.409, 282.525
Yxy	35.9074, 0.2365, 0.2309
Android (android.graphics.Color)	4286816490 (0xFF83A0EA)
YUV	159.7650, 36.5979, -25.2269
Hunter-Lab	59.9228, 4.7030, -40.0134

Details

The YUV color **159.7650, 36.5979, -25.2269** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **205.2350, -36.5979, 25.2269**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4870, 21.4519, -20.5981**, and **106.7000, 35.1509, -27.8009** is the 20% darker color. If you saturate the color by 10%, you get **142.9090, 44.9079, -30.6152**, and if you desaturate by 10%, it is **176.6210, 28.2878, -19.8386**.

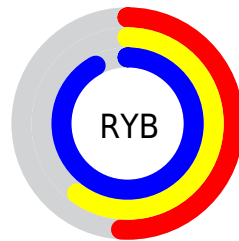
Distribution



Red (51%)

Green (63%)

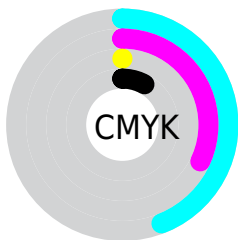
Blue (92%)



Red (51%)

Yellow (60%)

Blue (92%)

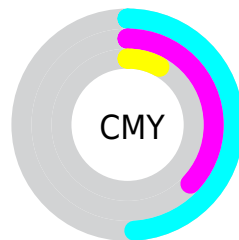


Cyan (44%)

Magenta (32%)

Yellow (0%)

Black (8%)



Cyan (49%)

Magenta (37%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7650, 36.5979, -25.2269 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 159.7650, 36.5979, -25.2269 by changing the saturation by 10% instead.

■ 159.7650, 36.5979,
-25.2269

■ 159.7650, 36.5979,
-25.2269

255.0000, 0.0000,
0.0000

■ 132.9390, 36.0191,
-26.2565

■ 211.4870, 21.4519,
-20.5981

■ 106.7000, 35.1509,
-27.8009

■ 236.5940, 9.0742,
-17.1839

■ 80.5640, 34.7249,
-31.1896

■ 252.3090, 1.3267,
-5.5330

■ 50.6440, 36.6575,
-44.4148

■ 35.3530, 31.3780,
-31.0046

■ 20.8770, 26.6826,
-18.3091

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 159.7650, 36.5979,
-25.2269

■ 159.7650, 36.5979,
-25.2269

■ 142.9090, 44.9079,
-30.6152

■ 176.6210, 28.2878,
-19.8386

■ 125.7540, 53.3653,
-36.6183

■ 193.7760, 19.8304,
-13.8356

■ 109.4850, 61.3859,
-42.5213

■ 210.0450, 11.8098,
-7.9325

■ 92.3300, 69.8433,
-48.5244

■ 227.2000, 3.3524,
-1.9294

■ 75.4740, 78.1533,
-53.9127

■ 244.0560, -4.9576,
3.4589

■ 65.4180, 83.1109,
-57.3716

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



143.2590, 43.7493, -79.1571



159.7650, 36.5979, -25.2269



165.7550, 25.2638, 16.8779

Triad

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



159.7650, 36.5979, -25.2269



162.0490, -24.1812, 56.0850



144.7140, -3.3100, -58.5082

Complementary

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



159.7650, 36.5979, -25.2269



205.2350, -36.5979, 25.2269

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.



152.6790, -23.5057, -20.7665



159.7650, 36.5979, -25.2269



160.5940, -34.3098, 38.0671

Square

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



159.7650, 36.5979, -25.2269



163.9090, -8.3361, 60.5928



157.0160, -34.5179, 11.3870



126.3110, 24.4967, -110.7747

Rectangle

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



159.7650, 36.5979, -25.2269



166.5530, 15.0104, 38.9800



157.0160, -34.5179, 11.3870



147.8530, -10.7735, -44.5981

Sweetspot

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



159.7650, 36.5979, -25.2269



231.0450, 11.8098, -7.9325



199.8970, 2.5158, -60.4227



112.9160, 7.4364, -5.1883



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.



159.7650, 36.5979, -25.2269



157.6960, 47.9709, -33.0594



149.3200, 41.7472, 3.2274



109.0150, 3.9366, -2.6442



50.5710, 64.3015, -44.3508



14.9610, 19.2462, -13.1208

Inverse Universe

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



165.1030, -2.5158, 60.4227



164.6970, -3.3016, 79.1957



215.6800, -41.7472, -3.2274



109.6310, -0.3111, 6.4626



59.9330, -4.4040, 106.1758



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 159.7650, 36.5979, -25.2269 looks on a white background.

Color Contrast Check

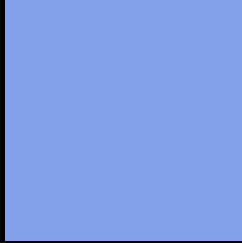
Large Text (above 18pt) WCAG AA × Fail

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 159.7650, 36.5979, -25.2269 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 159.7650, 36.5979, -25.2269

Background



This preview shows how black text looks on a background with the YUV color 159.7650, 36.5979, -25.2269.



This preview shows how white text looks on a background with the YUV color 159.7650, 36.5979, -25.2269.

-25.2269.

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

159.7650, 36.5979, -25.2269

Protanopia

160.8580, 35.5660, -20.9235

Deuteranopia

160.0640, 36.4504, -24.6121



Tritanopia

155.7490, 13.9277, -33.9829

Trichromacy



Original Color

159.7650, 36.5979, -25.2269

Protanomaly

160.2600, 35.8608, -22.1530

Deuteranomaly

160.0640, 36.4504, -24.6121

Tritanomaly

156.9480, 22.2106, -30.6494

Monochromacy



Original Color

159.7650, 36.5979, -25.2269

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.7890, 13.4150, -9.4620

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7650, 36.5979, -25.2269 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(131, 160, 234)` looks like.

```
.text, #text, p{  
  color:rgb(131, 160, 234)  
}
```

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(131, 160, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 160, 234) }
```

Border

The CSS property to change the border of an element to YUV 159.7650, 36.5979, -25.2269 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(131, 160, 234) }
```


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

```
.border{ border-color:rgb(131, 160, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 160, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 160, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 160, 234);  
box-shadow:4px 4px 4px 4px rgb(131, 160,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 159.7650, 36.5979, -25.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 160, 234) }
```

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

```
.background{ background-color: rgb(131,  
160, 234) }
```

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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