

Converting Colors

YUV(159.5060, 36.2325,
-1.3208)

Have a look what the booklet for
YUV(159.5060, 36.2325, -1.3208)
contains.

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Color

**YUV(159.5060, 36.2325,
-1.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	9E92E9
RGB	158, 146, 233
RGB Percent	62%, 57%, 91%
CMY	0.3804, 0.4275, 0.0863
CMYK	0.32, 0.37, 0.00, 0.09
HSL	248°, 66%, 74%
HSV	248°, 37%, 91%
XYZ	39.0874, 33.7101, 81.5374
YIQ	159.5060, -20.7750, 29.6010

Conversions

Conversions Part 2

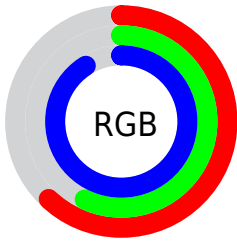
Format	Color
RYB	158, 146, 233
Decimal	10392297
CIELab	64.73, 23.84, -42.43
CIElCh	65, 48.666, 299.333
Yxy	33.7101, 0.2533, 0.2184
Android (android.graphics.Color)	4288582377 (0xFF9E92E9)
YUV	159.5060, 36.2325, -1.3208
Hunter-Lab	58.0604, 18.5642, -42.6219

Details

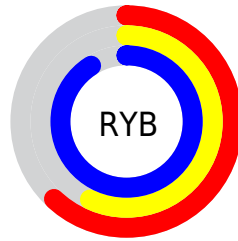
The YUV color $159.5060, 36.2325, -1.3208$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $219.4940, -36.2325, 1.3208$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $210.7550, 21.8128, 3.7229$, and $107.0390, 34.4908, -2.6652$ is the 20% darker color. If you saturate the color by 10%, you get $140.0250, 45.8367, -1.7759$, and if you desaturate by 10%, it is $178.9870, 26.6284, -0.8656$.

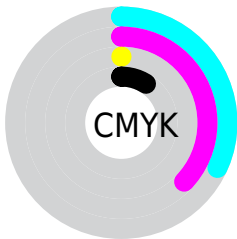
Distribution



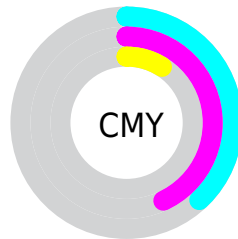
- Red (62%)
- Green (57%)
- Blue (91%)



- Red (62%)
- Yellow (57%)
- Blue (91%)



- Cyan (32%)
- Magenta (37%)
- Yellow (0%)
- Black (9%)



- Cyan (38%)
- Magenta (43%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5060, 36.2325, -1.3208 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 159.5060, 36.2325, -1.3208 by changing the saturation by 10% instead.

■ 159.5060, 36.2325,
-1.3208

■ 159.5060, 36.2325,
-1.3208

255.0000, 0.0000,
0.0000

■ 132.9790, 35.5064,
-1.7356

■ 210.7550, 21.8128,
3.7229

■ 107.0390, 34.4908,
-2.6652

■ 235.8620, 9.4350,
7.1370

■ 82.3870, 33.3332,
-4.7244

■ 57.8490, 32.6124,
-6.8836

■ 33.2890, 31.9025,
-12.5315

■ 11.9580, 30.5867,
-10.4872

■ 7.5750, 21.4085,

-6.6433

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 159.5060, 36.2325,
-1.3208

■ 159.5060, 36.2325,
-1.3208

■ 140.0250, 45.8367,
-1.7759

■ 178.9870, 26.6284,
-0.8656

■ 119.9570, 55.7302,
-1.7163

■ 199.0550, 16.7349,
-0.9252

■ 100.4760, 65.3343,
-2.1715

■ 218.5360, 7.1308,
-0.4701

■ 80.9950, 74.9385,
-2.6266

■ 238.0170, -2.4734,
-0.0149

■ 61.5140, 84.5426,
-3.0818

■ 252.4920, -9.6096,
2.1995

■ 41.1470, 94.5835,
-3.6369

■ 36.1300, 97.0569,
-3.6220

Harmonies

Analogous

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



144.4380, 49.0841, -63.5281



159.5060, 36.2325, -1.3208



161.5410, 19.9463, 42.4985

Triad

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



159.5060, 36.2325, -1.3208



155.3510, -35.6690, 54.0662



122.7430, 15.9027, -107.6456

Complementary

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



159.5060, 36.2325, -1.3208



219.4940, -36.2325, 1.3208

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.



140.1960, -14.3936, -50.1609



159.5060, 36.2325, -1.3208



152.7530, -42.2762, 26.5266

Square

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



159.5060, 36.2325, -1.3208



156.9890, -19.7146, 70.1696



148.4820, -34.7476, -8.3157



127.0580, 34.9744, -111.4299

Rectangle

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



159.5060, 36.2325, -1.3208



160.2200, 6.7935, 61.1971



148.4820, -34.7476, -8.3157



120.3320, 9.2033, -105.5312

Sweetspot

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



159.5060, 36.2325, -1.3208



231.3880, 11.6407, -0.3403



199.9430, 16.2971, -47.3080



113.5360, 7.1308, -0.4701



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.



159.5060, 36.2325, -1.3208



157.8940, 47.8733, -1.6610



172.3630, 29.8940, 25.1146



107.5530, 4.6574, -0.4850



28.1090, 75.3753, -2.7266



8.2490, 22.5552, -1.0954

Inverse Universe

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



180.5630, 19.9354, 45.9872



185.6710, 26.2912, 60.8015



206.6370, -29.8940, -25.1146



110.4290, 2.7465, 5.7628



71.9030, 41.4598, 95.6781



21.3900, 12.1327, 28.5990

Previews

White Background



This preview shows how the YUV color 159.5060, 36.2325, -1.3208 looks on a white background.

Color Contrast Check

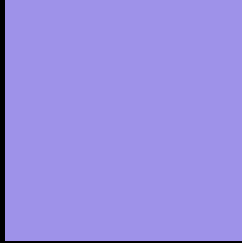
Large Text (above 18pt) WCAG AA × Fail

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 159.5060, 36.2325, -1.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

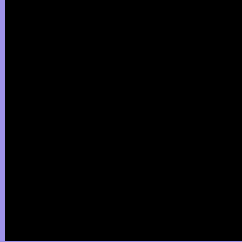
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.5060, 36.2325, -1.3208

Background



This preview shows how black text looks on a background with the YUV color 159.5060, 36.2325, -1.3208.



This preview shows how white text looks on a background with the YUV color 159.5060, 36.2325, -1.3208.

-1.3208.

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

159.5060, 36.2325, -1.3208

Protanopia

155.4320, 41.6920, -25.8119

Deuteranopia

155.2810, 37.3295, -26.5564



Tritanopia

156.1820, 7.3053, -9.8066

Trichromacy



Original Color

159.5060, 36.2325, -1.3208

Protanomaly

156.9170, 39.4809, -16.5902

Deuteranomaly

156.6350, 37.1549, -17.2199

Tritanomaly

157.3640, 18.0615, -6.4582

Monochromacy



Original Color

159.5060, 36.2325, -1.3208

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8440, 13.3879, -0.7402

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5060, 36.2325, -1.3208 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(158, 146, 233)` looks like.

```
.text, #text, p{  
    color:rgb(158, 146, 233)  
}
```

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(158, 146, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 146, 233) }
```

Border

The CSS property to change the border of an element to YUV 159.5060, 36.2325, -1.3208 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(158, 146, 233) }
```


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

```
.border{ border-color:rgb(158, 146, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 146, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 146, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 146, 233);  
box-shadow:4px 4px 4px 4px rgb(158, 146,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 159.5060, 36.2325, -1.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 146, 233) }
```

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

```
.background{ background-color: rgb(158,  
146, 233) }
```

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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