

Converting Colors

YUV(153.1040, 35.9377,
-0.0912)

Have a look what the booklet for
YUV(153.1040, 35.9377, -0.0912)
contains.

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Color

**YUV(153.1040, 35.9377,
-0.0912)**

Conversions

Conversions Part 1

Format	Color
Hex	998BE2
RGB	153, 139, 226
RGB Percent	60%, 55%, 89%
CMY	0.4000, 0.4549, 0.1137
CMYK	0.32, 0.38, 0.00, 0.11
HSL	250°, 60%, 72%
HSV	250°, 38%, 89%
XYZ	36.0970, 30.7285, 75.9802
YIQ	153.1040, -19.5830, 30.0250

Conversions

Conversions Part 2

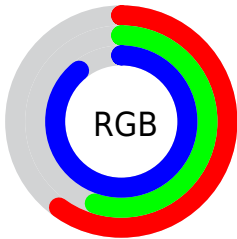
Format	Color
RYB	153, 139, 226
Decimal	10062818
CIELab	62.28, 24.68, -42.43
CIElCh	62, 49.091, 300.186
Yxy	30.7285, 0.2528, 0.2152
Android (android.graphics.Color)	4288252898 (0xFF998BE2)
YUV	153.1040, 35.9377, -0.0912
Hunter-Lab	55.4333, 19.2270, -42.4631

Details

The YUV color **153.1040, 35.9377, -0.0912** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **211.8960, -35.9377, 0.0912**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8520, 24.7230, 3.6378**, and **101.2240, 33.9066, -1.9504** is the 20% darker color. If you saturate the color by 10%, you get **133.9220, 45.3945, 0.0684**, and if you desaturate by 10%, it is **172.2860, 26.4810, -0.2508**.

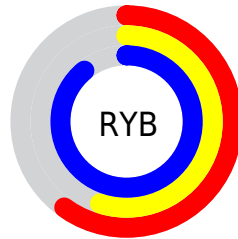
Distribution



Red (60%)

Green (55%)

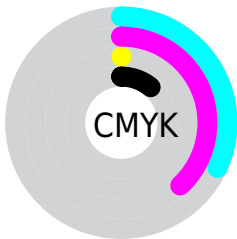
Blue (89%)



Red (60%)

Yellow (55%)

Blue (89%)

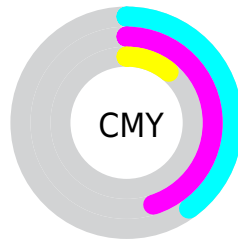


Cyan (32%)

Magenta (38%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (45%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1040, 35.9377, -0.0912 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 153.1040, 35.9377, -0.0912 by changing the saturation by 10% instead.

■ 153.1040, 35.9377,
-0.0912

■ 153.1040, 35.9377,
-0.0912

255.0000, 0.0000,
0.0000

■ 126.5770, 35.2115,
-0.5060

■ 204.8520, 24.7230,
3.6378

■ 101.2240, 33.9066,
-1.9504

■ 229.3720, 12.6346,
7.5668

■ 75.9850, 33.0384,
-3.4948

■ 251.4780, 1.7363,
3.0888

■ 52.0340, 32.0282,
-6.1688

■ 27.2890, 31.9025,
-12.5315

■ 7.7520, 29.7023,
-6.7985

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 153.1040, 35.9377,
-0.0912

■ 153.1040, 35.9377,
-0.0912

■ 133.9220, 45.3945,
0.0684

■ 172.2860, 26.4810,
-0.2508

■ 115.3270, 54.5618,
-0.2868

■ 190.8810, 17.3137,
0.1044

■ 96.1450, 64.0185,
-0.1272

■ 210.0630, 7.8569,
-0.0553

■ 77.5500, 73.1858,
-0.4823

■ 228.6580, -1.3104,
0.2999

■ 58.3680, 82.6426,
-0.3227

■ 247.8400,
-10.7671, 0.1403

■ 39.1860, 92.0993,
-0.1631

■ 251.6940,
-12.6671, 2.8994

■ 36.5280, 93.4097,
-0.4631

Harmonies

Analogous

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



137.4380, 49.0841, -63.5281



153.1040, 35.9377, -0.0912



154.8400, 19.7989, 43.1133

Triad

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



153.1040, 35.9377, -0.0912



148.8240, -36.3952, 53.6514



117.9500, 15.3076, -103.4421

Complementary

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



153.1040, 35.9377, -0.0912



211.8960, -35.9377, 0.0912

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.



133.0000, -13.8040, -52.6200



153.1040, 35.9377, -0.0912



146.0410, -42.4182, 25.3970

Square

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



153.1040, 35.9377, -0.0912



150.1630, -20.2934, 69.1400



141.8840, -34.4528, -9.5453



122.9660, 34.5268, -107.8412

Rectangle

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



153.1040, 35.9377, -0.0912



153.5190, 6.6461, 61.8118



141.8840, -34.4528, -9.5453



116.2400, 8.7557, -101.9425

Sweetspot

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



153.1040, 35.9377, -0.0912



229.0290, 12.8037, -0.0254



192.3560, 16.5865, -46.7932



112.9490, 7.4201, 0.0447



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.



153.1040, 35.9377, -0.0912



157.0190, 48.3046, -0.0167



165.9610, 29.5992, 26.3442



102.8520, 4.5100, 0.1298



28.4360, 72.7491, -0.3824



7.8640, 19.7870, 0.1193

Inverse Universe

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



173.3350, 19.0618, 46.1872



184.1550, 25.5596, 62.1311



199.0390, -29.5992, -26.3442



105.3150, 2.3097, 5.8627



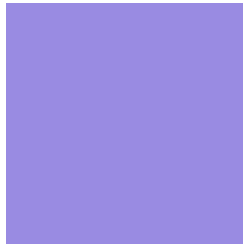
69.4960, 38.7025, 93.4040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 153.1040, 35.9377, -0.0912 looks on a white background.

Color Contrast Check

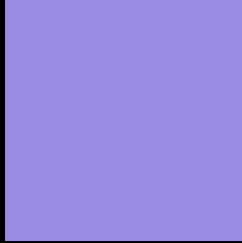
Large Text (above 18pt) WCAG AA × Fail

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 153.1040, 35.9377, -0.0912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

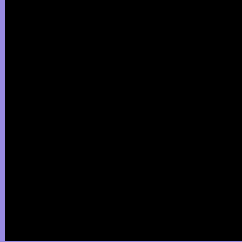
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.1040, 35.9377, -0.0912

Background



This preview shows how black text looks on a background with the YUV color 153.1040, 35.9377, -0.0912.



This preview shows how white text looks on a background with the YUV color 153.1040, 35.9377, -0.0912.

-0.0912.

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

153.1040, 35.9377, -0.0912

Protanopia

149.0190, 41.4026, -26.3267

Deuteranopia

148.8680, 37.0401, -27.0712



Tritanopia

149.7800, 7.0105, -8.5771

Trichromacy



Original Color

153.1040, 35.9377, -0.0912

Protanomaly

150.5040, 39.1915, -17.1050

Deuteranomaly

150.5210, 36.7181, -17.1199

Tritanomaly

150.9620, 17.7667, -5.2287

Monochromacy



Original Color

153.1040, 35.9377, -0.0912

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.1430, 13.2405, -0.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1040, 35.9377, -0.0912 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(153, 139, 226)` looks like.

```
.text, #text, p{  
    color:rgb(153, 139, 226)  
}
```

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(153, 139, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 139, 226) }
```

Border

The CSS property to change the border of an element to YUV 153.1040, 35.9377, -0.0912 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(153, 139, 226) }
```


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

```
.border{ border-color:rgb(153, 139, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 139, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 139, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 139, 226);  
box-shadow:4px 4px 4px 4px rgb(153, 139,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 153.1040, 35.9377, -0.0912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 139, 226) }
```

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

```
.background{ background-color: rgb(153,  
139, 226) }
```

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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