

Converting Colors

YUV(157.8860, 36.5382,
-6.0390)

Have a look what the booklet for
YUV(157.8860, 36.5382, -6.0390)
contains.

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Color

**YUV(157.8860, 36.5382,
-6.0390)**

Conversions

Conversions Part 1

Format	Color
Hex	9793E8
RGB	151, 147, 232
RGB Percent	59%, 58%, 91%
CMY	0.4078, 0.4235, 0.0902
CMYK	0.35, 0.37, 0.00, 0.09
HSL	243°, 65%, 74%
HSV	243°, 37%, 91%
XYZ	37.7617, 33.2729, 80.7760
YIQ	157.8860, -24.9010, 27.2830

Conversions

Conversions Part 2

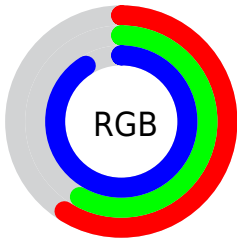
Format	Color
R_{YB}	151, 147, 232
Decimal	9933800
CIE _{Lab}	64.38, 21.10, -42.46
CIE _{LCh}	64, 47.417, 296.422
Yxy	33.2729, 0.2487, 0.2192
Android (android.graphics.Color)	4288123880 (0xFF9793E8)
YUV	157.8860, 36.5382, -6.0390
Hunter-Lab	57.6827, 15.9094, -42.6489

Details

The YUV color **157.8860, 36.5382, -6.0390** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **221.1140, -36.5382, 6.0390**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9500, 22.7027, -1.7101**, and **105.4190, 34.7964, -7.3835** is the 20% darker color. If you saturate the color by 10%, you get **137.8070, 46.4371, -7.7237**, and if you desaturate by 10%, it is **177.9650, 26.6393, -4.3543**.

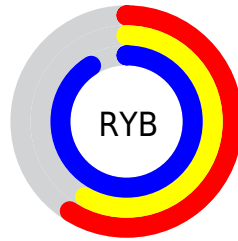
Distribution



Red (59%)

Green (58%)

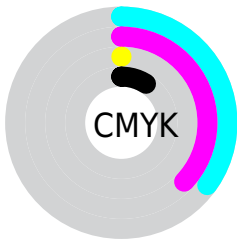
Blue (91%)



Red (59%)

Yellow (58%)

Blue (91%)

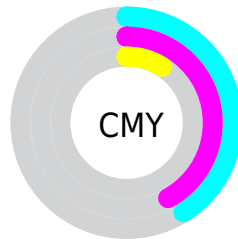


Cyan (35%)

Magenta (37%)

Yellow (0%)

Black (9%)



Cyan (41%)

Magenta (42%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8860, 36.5382, -6.0390 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 157.8860, 36.5382, -6.0390 by changing the saturation by 10% instead.

■ 157.8860, 36.5382,
-6.0390

■ 157.8860, 36.5382,
-6.0390

255.0000, 0.0000,
0.0000

■ 131.3590, 35.8120,
-6.4538

■ 208.9500, 22.7027,
-1.7101

■ 105.4190, 34.7964,
-7.3835

■ 234.0570, 10.3249,
1.7040

■ 80.7670, 33.6389,
-9.4427

■ 55.9300, 33.0655,
-12.2166

■ 29.2770, 33.3874,
-22.1679

■ 12.4310, 29.8605,
-10.9020

■ 8.0480, 20.6823,

-7.0581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 157.8860, 36.5382,
-6.0390

■ 157.8860, 36.5382,
-6.0390

■ 137.8070, 46.4371,
-7.7237

■ 177.9650, 26.6393,
-4.3543

■ 117.7280, 56.3361,
-9.4085

■ 198.0440, 16.7403,
-2.6696

■ 97.0620, 66.5244,
-10.5784

■ 218.7100, 6.5520,
-1.4997

■ 76.9830, 76.4234,
-12.2631

■ 238.7890, -3.3470,
0.1850

■ 56.6050, 86.4697,
-14.5626

■ 252.3780,
-10.0464, 2.2995

■ 36.5260, 96.3687,
-16.2473

■ 29.7370, 99.7157,
-16.4323

Harmonies

Analogous

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



141.5900, 48.5161, -68.0464



157.8860, 36.5382, -6.0390



161.1490, 21.1255, 37.5803

Triad

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



157.8860, 36.5382, -6.0390



155.4050, -34.2167, 54.8958



120.8850, 13.8607, -106.0161

Complementary

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



157.8860, 36.5382, -6.0390



221.1140, -36.5382, 6.0390

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.



140.9580, -16.7413, -43.8132



157.8860, 36.5382, -6.0390



152.7040, -41.2661, 29.2006

Square

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



157.8860, 36.5382, -6.0390



156.8470, -17.6726, 68.5402



148.6890, -35.3427, -4.1123



125.7870, 32.6430, -110.3152

Rectangle

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



157.8860, 36.5382, -6.0390



159.6540, 8.5516, 57.3084



148.6890, -35.3427, -4.1123



128.8680, 3.0231, -83.1992

Sweetspot

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



157.8860, 36.5382, -6.0390



230.4910, 12.0829, -2.1846



204.8240, 13.3978, -50.7116



113.2370, 7.2782, -1.0848



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.



157.8860, 36.5382, -6.0390



157.2630, 48.1843, -8.1237



170.1450, 30.4945, 19.1668



104.6670, 5.0942, -0.5850



22.7980, 77.0076, -12.9778



6.4120, 21.9819, -3.8693

Inverse Universe

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



181.6490, 22.8510, 44.1578



188.6860, 30.2278, 58.1574



208.8550, -30.4945, -19.1668



107.8420, 3.0359, 6.2776



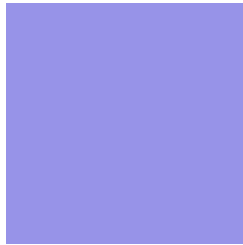
72.9010, 47.8698, 93.0488



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 157.8860, 36.5382, -6.0390 looks on a white background.

Color Contrast Check

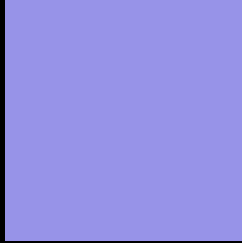
Large Text (above 18pt) WCAG AA × Fail

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 157.8860, 36.5382, -6.0390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

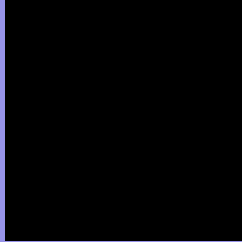
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.8860, 36.5382, -6.0390

Background



This preview shows how black text looks on a background with the YUV color 157.8860, 36.5382, -6.0390.



This preview shows how white text looks on a background with the YUV color 157.8860, 36.5382, -6.0390.

-6.0390.

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

157.8860, 36.5382, -6.0390

Protanopia

154.5030, 40.6710, -24.9971

Deuteranopia

154.2810, 37.3295, -26.5564



Tritanopia

154.2030, 8.7739, -14.2100

Trichromacy



Original Color

157.8860, 36.5382, -6.0390

Protanomaly

155.7920, 39.0495, -18.2346

Deuteranomaly

155.6240, 37.1604, -18.9642

Tritanomaly

155.8580, 18.8040, -11.2765

Monochromacy



Original Color

157.8860, 36.5382, -6.0390

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8330, 13.3933, -2.4845

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8860, 36.5382, -6.0390 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(151, 147, 232)` looks like.

```
.text, #text, p{  
    color:rgb(151, 147, 232)  
}
```

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(151, 147, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 147, 232) }
```

Border

The CSS property to change the border of an element to YUV 157.8860, 36.5382, -6.0390 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(151, 147, 232) }
```


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

```
.border{ border-color:rgb(151, 147, 232) }
```

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

Here you see how a box with a 4 pixel rgb(151, 147, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 147, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 147, 232);  
box-shadow:4px 4px 4px 4px rgb(151, 147,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 157.8860, 36.5382, -6.0390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 147, 232) }
```

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

```
.background{ background-color: rgb(151,  
147, 232) }
```

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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