

Converting Colors

YUV(157.2980, 41.7581,
-0.2613)

Have a look what the booklet for
YUV(157.2980, 41.7581, -0.2613)
contains.

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Color

**YUV(157.2980, 41.7581,
-0.2613)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8DF2
RGB	157, 141, 242
RGB Percent	62%, 55%, 95%
CMY	0.3843, 0.4471, 0.0510
CMYK	0.35, 0.42, 0.00, 0.05
HSL	250°, 80%, 75%
HSV	250°, 42%, 95%
XYZ	39.4565, 32.6287, 88.2228
YIQ	157.2980, -22.8850, 34.8030

Conversions

Conversions Part 2

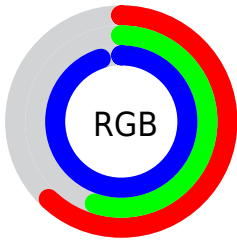
Format	Color
RYB	157, 141, 242
Decimal	10325490
CIELab	63.86, 28.77, -48.77
CIElCh	64, 56.619, 300.539
Yxy	32.6287, 0.2461, 0.2035
Android (android.graphics.Color)	4288515570 (0xFF9D8DF2)
YUV	157.2980, 41.7581, -0.2613
Hunter-Lab	57.1215, 23.3358, -51.5869

Details

The YUV color **157.2980, 41.7581, -0.2613** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **225.7020, -41.7581, 0.2613**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5210, 23.4071, 5.6821**, and **105.0050, 39.4375, -2.6354** is the 20% darker color. If you saturate the color by 10%, you get **137.2300, 51.6516, -0.2017**, and if you desaturate by 10%, it is **177.3660, 31.8646, -0.3210**.

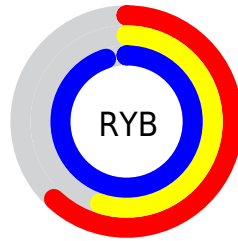
Distribution



Red (62%)

Green (55%)

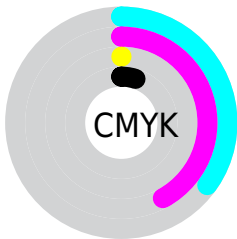
Blue (95%)



Red (62%)

Yellow (55%)

Blue (95%)

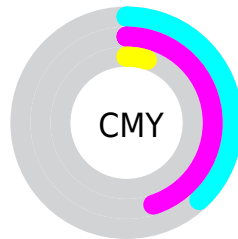


Cyan (35%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (38%)

Magenta (45%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.2980, 41.7581, -0.2613 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 157.2980, 41.7581, -0.2613 by changing the saturation by 10% instead.

■ 157.2980, 41.7581,
-0.2613

■ 157.2980, 41.7581,
-0.2613

255.0000, 0.0000,
0.0000

■ 130.3580, 40.7425,
-1.1910

■ 207.5210, 23.4071,
5.6821

■ 105.0050, 39.4375,
-2.6354

■ 232.6280, 11.0294,
9.0962

■ 79.4670, 38.7168,
-4.7946

■ 252.6520, 1.1576,
2.0592

■ 54.8040, 37.5646,
-8.5981

■ 27.6670, 38.6182,
-19.8790

■ 9.8210, 35.0912,
-8.6130

■ 8.8460, 23.7399,

-7.7579

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 157.2980, 41.7581,
-0.2613

■ 157.2980, 41.7581,
-0.2613

■ 137.2300, 51.6516,
-0.2017

■ 177.3660, 31.8646,
-0.3210

■ 116.8630, 61.6925,
-0.7569

■ 197.7330, 21.8236,
0.2342

■ 96.2080, 71.8755,
-0.1824

■ 218.3880, 11.6407,
-0.3403

■ 76.1400, 81.7690,
-0.1228

■ 238.4560, 1.7472,
-0.3999

■ 55.7730, 91.8099,
-0.6779

■ 253.5180, -5.6784,
1.2997

■ 38.9500, 100.1037,
-0.8332

Harmonies

Analogous

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



130.7640, 61.2483, -91.8780



157.2980, 41.7581, -0.2613



158.6930, 22.8294, 51.1352

Triad

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



157.2980, 41.7581, -0.2613



152.2610, -42.5267, 60.2841



122.6290, 15.4659, -107.5456

Complementary

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



157.2980, 41.7581, -0.2613



225.7020, -41.7581, 0.2613

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.



131.5100, -14.0554, -65.3453



157.2980, 41.7581, -0.2613



148.5870, -50.5754, 28.4262

Square

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



157.2980, 41.7581, -0.2613



152.5450, -22.9467, 80.2060



143.9670, -40.4097, -12.2491



128.4430, 37.7426, -112.6445

Rectangle

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



157.2980, 41.7581, -0.2613



156.3400, 8.2134, 72.4928



143.9670, -40.4097, -12.2491



119.9900, 7.8929, -105.2312

Sweetspot

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



157.2980, 41.7581, -0.2613



227.2570, 13.6773, -0.2254



202.9960, 19.2290, -54.3705



110.2910, 8.7305, -0.2552



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.



157.2980, 41.7581, -0.2613



148.4580, 52.5252, -0.4017



172.2480, 34.3877, 30.4775



109.9660, 4.9468, 0.0298



29.6470, 76.0960, -0.5674



9.0750, 23.1340, -0.0658

Inverse Universe

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



180.8890, 22.2397, 53.5943



178.1710, 28.0167, 67.3790



210.7520, -34.3877, -30.4775



112.7280, 2.5991, 6.3775



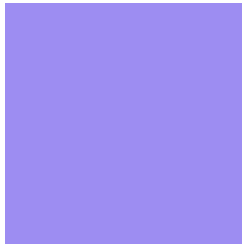
72.6860, 40.5808, 97.6224



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 157.2980, 41.7581, -0.2613 looks on a white background.

Color Contrast Check

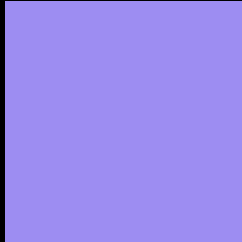
Large Text (above 18pt) WCAG AA × Fail

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 157.2980, 41.7581, -0.2613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

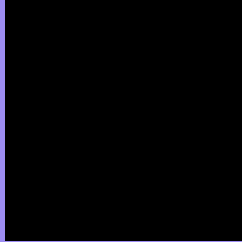
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.2980, 41.7581, -0.2613

Background



This preview shows how black text looks on a background with the YUV color 157.2980, 41.7581, -0.2613.



This preview shows how white text looks on a background with the YUV color 157.2980, 41.7581, -0.2613.

-0.2613.

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

157.2980, 41.7581, -0.2613

Protanopia

151.6360, 48.9865, -32.1298

Deuteranopia

150.8330, 43.4663, -34.9335



Tritanopia

153.5840, 7.6001, -11.0362

Trichromacy



Original Color

157.2980, 41.7581, -0.2613

Protanomaly

153.4310, 46.6225, -20.5490

Deuteranomaly

153.0950, 42.8442, -22.0083

Tritanomaly

154.9340, 20.2455, -6.9581

Monochromacy



Original Color

157.2980, 41.7581, -0.2613

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.0120, 15.2771, -0.0105

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.2980, 41.7581, -0.2613 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(157, 141, 242)` looks like.

```
.text, #text, p{  
    color:rgb(157, 141, 242)  
}
```

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(157, 141, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 141, 242) }
```

Border

The CSS property to change the border of an element to YUV 157.2980, 41.7581, -0.2613 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(157, 141, 242) }
```


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

```
.border{ border-color:rgb(157, 141, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 141, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 141, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 141, 242);  
box-shadow:4px 4px 4px 4px rgb(157, 141,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 157.2980, 41.7581, -0.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 141, 242) }
```

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

```
.background{ background-color: rgb(157,  
141, 242) }
```

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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