

Converting Colors

YUV(181.0490, 29.5558,
40.2990)

Have a look what the booklet for
YUV(181.0490, 29.5558, 40.2990)
contains.

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Color

**YUV(181.0490, 29.5558,
40.2990)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E392F1 |
| RGB | 227, 146, 241 |
| RGB Percent | 89%, 57%, 95% |
| CMY | 0.1098, 0.4275, 0.0549 |
| CMYK | 0.06, 0.39, 0.00, 0.05 |
| HSL | 291°, 77%, 76% |
| HSV | 291°, 39%, 95% |
| XYZ | 57.8346, 43.2395, 88.5169 |
| YIQ | 181.0490, 17.7810, 46.7170 |

Conversions

Conversions Part 2

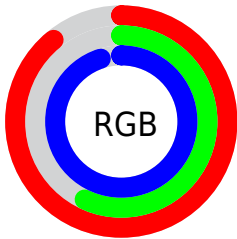
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 227, 146, 241 |
| Decimal | 14914289 |
| CIE Lab | 71.72, 45.60, -35.42 |
| CIE LCh | 72, 57.745, 322.161 |
| Yxy | 43.2395, 0.3050, 0.2281 |
| Android (android.graphics.Color) | 4293104369 (0xFFE392F1) |
| YUV | 181.0490, 29.5558, 40.2990 |
| Hunter-Lab | 65.7568, 41.9206, -33.7821 |

Details

The YUV color **181.0490, 29.5558, 40.2990** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **205.9510, -29.5558, -40.2990**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3020, 15.6271, 27.7991**, and **126.5110, 28.8351, 38.1399** is the 20% darker color. If you saturate the color by 10%, you get **165.7650, 37.0909, 50.1951**, and if you desaturate by 10%, it is **196.3330, 22.0208, 30.4030**.

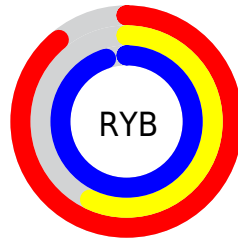
Distribution



Red (89%)

Green (57%)

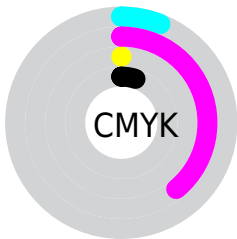
Blue (95%)



Red (89%)

Yellow (57%)

Blue (95%)

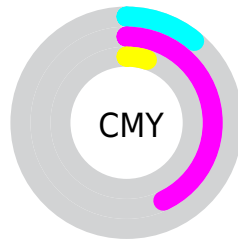


Cyan (6%)

Magenta (39%)

Yellow (0%)

Black (5%)



Cyan (11%)


Magenta (43%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.0490, 29.5558, 40.2990 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 181.0490, 29.5558, 40.2990 by changing the saturation by 10% instead.


 181.0490, 29.5558,
40.2990

 181.0490, 29.5558,
40.2990


255.0000, 0.0000,
0.0000

 153.2230, 28.9771,
39.2694


 223.3020, 15.6271,
27.7991


 126.5110, 28.8351,
38.1399

 240.3250, 7.2348,
12.8700

 100.2720, 27.9669,
36.5955

 74.2720, 27.9669,
36.5955

 45.6250, 29.2719,
38.0399

 28.3700, 25.9466,
31.2475

 18.8710, 19.2906,

19.4071

■ 3.9900, 15.2879,
-3.4992

■ 1.0260, 3.9312,
-0.8998

■ 181.0490, 29.5558,
40.2990

■ 181.0490, 29.5558,
40.2990

■ 165.7650, 37.0909,
50.1951

■ 196.3330, 22.0208,
30.4030

■ 150.7800, 44.4785,
60.7059

■ 211.3180, 14.6332,
19.8921

■ 135.4960, 52.0135,
70.6020

■ 226.6020, 7.0982,
9.9960

■ 120.5110, 59.4011,
81.1129

■ 241.5870, -0.2894,
-0.5148

■ 104.6400, 67.2255,
91.5237

■ 250.4140, -4.6411,
-4.7481

■ 89.6550, 74.6131,
102.0346

■ 251.3110, -5.0833,
-2.9037

■ 88.7690, 75.0499,
101.9346

■ 252.5070, -5.6730,
-0.4446

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



173.4440, 40.2071, -16.1754



181.0490, 29.5558, 40.2990



175.0300, 8.3662, 70.1337

Triad

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



181.0490, 29.5558, 40.2990



171.1370, -51.3395, 40.2219



142.9700, 35.0178, -125.3847

Complementary

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



181.0490, 29.5558, 40.2990



205.9510, -29.5558, -40.2990

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.



136.2270, 11.7201, -119.4711



181.0490, 29.5558, 40.2990



166.7360, -46.7048, 0.2315

Square

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



181.0490, 29.5558, 40.2990



173.8370, -39.3596, 71.1800



158.1610, -24.7294, -48.3762



144.7090, 54.3735, -126.9098

Rectangle

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



181.0490, 29.5558, 40.2990



170.3390, -7.0691, 74.2477



158.1610, -24.7294, -48.3762



140.9180, 27.1554, -123.5851

Sweetspot

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



181.0490, 29.5558, 40.2990



235.3080, 9.7082, 12.8849



165.0480, 37.4443, -16.7051



116.5370, 5.6513, 7.4221



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.



181.0490, 29.5558, 40.2990



179.1780, 37.3802, 50.7099



181.4730, 13.0778, 52.2052



112.3580, 3.7675, 4.9480



67.9190, 57.2279, 78.1240



20.7360, 17.3852, 23.9105

Inverse Universe

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



176.0010, -7.8885, 57.0041



172.9320, -9.8265, 71.9736



205.5270, -13.0778, -52.2052



111.8160, -0.8953, 7.1774



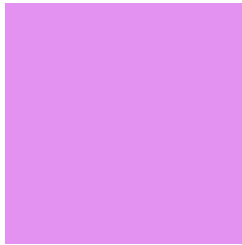
58.0940, -15.3293, 110.4196



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 181.0490, 29.5558, 40.2990 looks on a white background.

Color Contrast Check

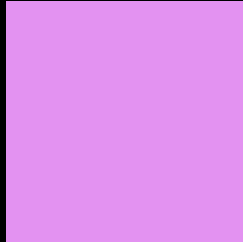
Large Text (above 18pt) WCAG AA × Fail

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 181.0490, 29.5558, 40.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

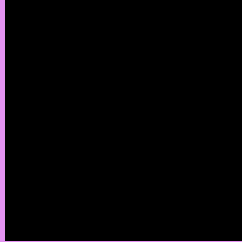
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.0490, 29.5558, 40.2990

Background



This preview shows how black text looks on a background with the YUV color 181.0490, 29.5558, 40.2990.



This preview shows how white text looks on a background with the YUV color 181.0490, 29.5558,

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

181.0490, 29.5558, 40.2990

Protanopia

175.1720, 39.3552, -22.9528

Deuteranopia

176.2950, 29.4346, -14.2907



Tritanopia

179.4110, -3.1606, 33.8426

Trichromacy



Original Color

181.0490, 29.5558, 40.2990



Protanomaly

177.1040, 35.9377, -0.0912



Deuteranomaly

177.8290, 29.6643, 5.4120



Tritanomaly

180.2230, 8.7641, 35.7614

Monochromacy



Original Color

181.0490, 29.5558, 40.2990



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.9600, 10.8657, 14.9441

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.0490, 29.5558, 40.2990 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(227, 146, 241)` looks like.

```
.text, #text, p{  
    color:rgb(227, 146, 241)  
}
```

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(227, 146, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 146, 241) }
```

Border

The CSS property to change the border of an element to YUV 181.0490, 29.5558, 40.2990 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(227, 146, 241) }
```


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

```
.border{ border-color:rgb(227, 146, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 146, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 146, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 146, 241);  
box-shadow:4px 4px 4px 4px rgb(227, 146,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 181.0490, 29.5558, 40.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 146, 241) }
```

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

```
.background{ background-color: rgb(227,  
146, 241) }
```

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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