

Converting Colors

YUV(135.7160, 41.0590,
-9.3979)

Have a look what the booklet for
YUV(135.7160, 41.0590, -9.3979)
contains.

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Color

**YUV(135.7160, 41.0590,
-9.3979)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7DDB
RGB	125, 125, 219
RGB Percent	49%, 49%, 86%
CMY	0.5098, 0.5098, 0.1412
CMYK	0.43, 0.43, 0.00, 0.14
HSL	240°, 57%, 67%
HSV	240°, 43%, 86%
XYZ	28.5772, 24.1417, 70.1715
YIQ	135.7160, -30.1740, 29.2340

Conversions

Conversions Part 2

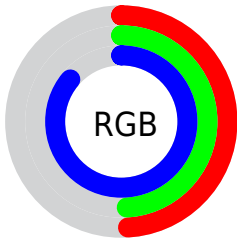
Format	Color
R _{YB}	125, 125, 219
Decimal	8224219
CIE Lab	56.23, 23.63, -48.22
CIE LCh	56, 53.700, 296.106
Yxy	24.1417, 0.2325, 0.1964
Android (android.graphics.Color)	4286414299 (0xFF7D7DDB)
YUV	135.7160, 41.0590, -9.3979
Hunter-Lab	49.1342, 17.8337, -50.2817

Details

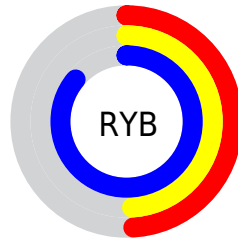
The YUV color $135.7160, 41.0590, -9.3979$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $208.2840, -41.0590, 9.3979$, and the grayscale version is $135.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.6750, 33.1912, -5.8540$, and $83.8250, 39.0333, -13.0015$ is the 20% darker color. If you saturate the color by 10%, you get $116.2240, 50.6686, -11.5974$, and if you desaturate by 10%, it is $155.2080, 31.4495, -7.1984$.

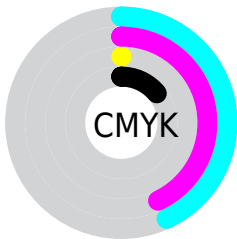
Distribution



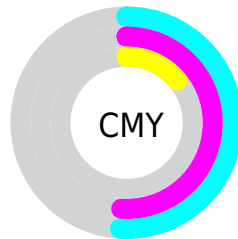
- Red (49%)
- Green (49%)
- Blue (86%)



- Red (49%)
- Yellow (49%)
- Blue (86%)



- Cyan (43%)
- Magenta (43%)
- Yellow (0%)
- Black (14%)



- Cyan (51%)
- Magenta (51%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7160, 41.0590, -9.3979 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 135.7160, 41.0590, -9.3979 by changing the saturation by 10% instead.

■ 135.7160, 41.0590,
-9.3979

■ 135.7160, 41.0590,
-9.3979

255.0000, 0.0000,
0.0000

■ 109.4770, 40.1908,
-10.9423

■ 187.6750, 33.1912,
-5.8540

■ 83.8250, 39.0333,
-13.0015

■ 212.1950, 21.1029,
-1.9250

■ 58.9770, 38.4653,
-17.5198

■ 237.6010, 8.5777,
2.1039

■ 32.0250, 38.9347,
-28.0859

■ 17.4350, 33.8025,
-15.2905

■ 7.0680, 27.0815,
-6.1986

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 135.7160, 41.0590,
-9.3979

■ 135.7160, 41.0590,
-9.3979

■ 116.2240, 50.6686,
-11.5974

■ 155.2080, 31.4495,
-7.1984

■ 96.7320, 60.2781,
-13.7970

■ 174.7000, 21.8399,
-4.9989

■ 77.2400, 69.8877,
-15.9965

■ 194.1920, 12.2303,
-2.7994

■ 57.7480, 79.4972,
-18.1960

■ 213.6840, 2.6208,
-0.5999

■ 39.1420, 88.6700,
-20.2955

■ 232.2900, -6.5520,
1.4997

■ 24.9660, 95.6588,
-21.8952

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



109.3460, 58.4964, -95.8964



135.7160, 41.0590, -9.3979



138.6810, 24.3143, 41.4988

Triad

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



135.7160, 41.0590, -9.3979



131.7430, -36.8483, 58.9844



106.6370, 10.0390, -93.5206

Complementary

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



135.7160, 41.0590, -9.3979



208.2840, -41.0590, 9.3979

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.



115.6750, -17.5878, -52.3350



135.7160, 41.0590, -9.3979



129.4070, -47.5287, 31.2151

Square

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



135.7160, 41.0590, -9.3979



132.4780, -17.9837, 75.0028



125.1250, -39.9946, -5.3716



112.1090, 31.0053, -98.3196

Rectangle

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



135.7160, 41.0590, -9.3979



136.3820, 11.1507, 63.6860



125.1250, -39.9946, -5.3716



104.2260, 3.3396, -91.4062

Sweetspot

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



135.7160, 41.0590, -9.3979



225.7620, 14.4143, -3.2993



190.8940, 13.8563, -57.7890



109.3940, 9.1728, -2.0995



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.



135.7160, 41.0590, -9.3979



137.1620, 58.0941, -13.2971



149.7690, 34.1309, 19.4966



100.2540, 4.8048, -1.0998



19.7220, 75.5661, -17.2962



5.2440, 20.0927, -4.5990

Inverse Universe

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



163.8220, 27.2028, 48.3911



176.9290, 38.4890, 68.4683



194.2310, -34.1309, -19.4966



103.5430, 3.1833, 5.6628



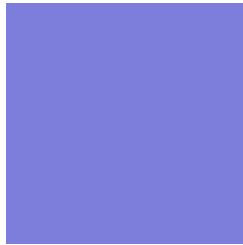
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 135.7160, 41.0590, -9.3979 looks on a white background.

Color Contrast Check

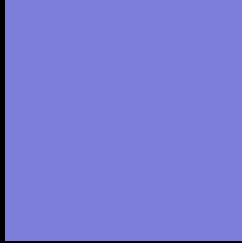
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7160, 41.0590, -9.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

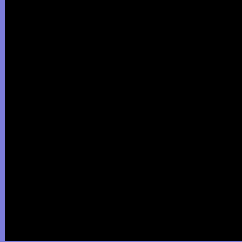
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.7160, 41.0590, -9.3979

Background



This preview shows how black text looks on a background with the YUV color 135.7160, 41.0590, -9.3979.



This preview shows how white text looks on a background with the YUV color 135.7160, 41.0590, -9.3979.

-9.3979.

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

135.7160, 41.0590, -9.3979

Protanopia

131.8380, 45.9289, -31.4299

Deuteranopia

129.6970, 43.0404, -38.3223



Tritanopia

131.3870, 9.6692, -21.3874

Trichromacy



Original Color

135.7160, 41.0590, -9.3979

Protanomaly

133.1380, 44.3020, -22.9230

Deuteranomaly

131.6490, 42.5710, -27.7562

Tritanomaly

133.3950, 21.0043, -17.0094

Monochromacy



Original Color

135.7160, 41.0590, -9.3979

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8760, 14.8511, -3.3993

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7160, 41.0590, -9.3979 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(125, 125, 219)` looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 219)  
}
```

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(125, 125, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 219) }
```

Border

The CSS property to change the border of an element to YUV 135.7160, 41.0590, -9.3979 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(125, 125, 219) }
```


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

```
.border{ border-color:rgb(125, 125, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 125, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 125, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 125, 219);  
box-shadow:4px 4px 4px 4px rgb(125, 125,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 135.7160, 41.0590, -9.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 219) }
```

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

```
.background{ background-color: rgb(125,  
125, 219) }
```

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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