

Converting Colors

YUV(57.7160, 41.0590, -9.3979)

Have a look what the booklet for
YUV(57.7160, 41.0590, -9.3979)
contains.

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Color

**YUV(57.7160, 41.0590,
-9.3979)**

Conversions

Conversions Part 1

Format	Color
Hex	2F2F8D
RGB	47, 47, 141
RGB Percent	18%, 18%, 55%
CMY	0.8157, 0.8157, 0.4471
CMYK	0.67, 0.67, 0.00, 0.45
HSL	240°, 50%, 37%
HSV	240°, 67%, 55%
XYZ	6.9965, 4.5605, 25.7108
YIQ	57.7160, -30.1740, 29.2340

Conversions

Conversions Part 2

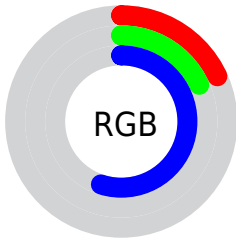
Format	Color
RYB	47, 47, 141
Decimal	3092365
CIELab	25.44, 30.91, -52.16
CIElCh	25, 60.634, 300.650
Yxy	4.5605, 0.1877, 0.1224
Android (android.graphics.Color)	4281282445 (0xFF2F2F8D)
YUV	57.7160, 41.0590, -9.3979
Hunter-Lab	21.3552, 21.1096, -56.4340

Details

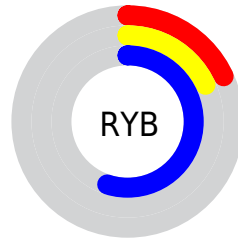
The YUV color **57.7160, 41.0590, -9.3979** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **130.2840, -41.0590, 9.3979**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3300, 43.2213, -2.9204**, and **13.1950, 37.8649, -11.5720** is the 20% darker color. If you saturate the color by 10%, you get **45.3120, 47.1742, -10.7976**, and if you desaturate by 10%, it is **70.1200, 34.9438, -7.9982**.

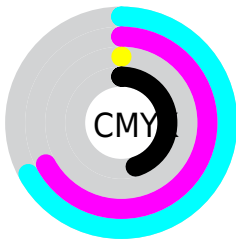
Distribution



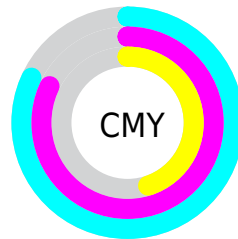
- Red (18%)
- Green (18%)
- Blue (55%)



- Red (18%)
- Yellow (18%)
- Blue (55%)



- Cyan (67%)
- Magenta (67%)
- Yellow (0%)
- Black (45%)



- Cyan (82%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.7160, 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 57.7160, 41.0590, -9.3979 by changing the saturation by 10% instead.

■ 57.7160, 41.0590,
-9.3979

■ 57.7160, 41.0590,
-9.3979

■ 255.0000, 0.0000,
0.0000

■ 29.5680, 42.1180,
-22.4231

■ 108.3300, 43.2213,
-2.9204

■ 13.1950, 37.8649,
-11.5720

■ 134.5690, 44.0895,
-1.3760

■ 7.4100, 28.3919,
-6.4986

■ 161.5090, 45.1051,
-0.4464

■ 6.5490, 17.4773,
-5.7435

■ 186.2570, 33.8903,
3.2826

■ 2.9810, 8.8834,
-2.6143

■ 210.7770, 21.8019,
7.2116

■ 0.0000, 0.0000,
0.0000

■ 235.8840, 9.4242,

10.6257

■ 57.7160, 41.0590,
-9.3979

■ 57.7160, 41.0590,
-9.3979

■ 45.3120, 47.1742,
-10.7976

■ 70.1200, 34.9438,
-7.9982

■ 32.9080, 53.2894,
-12.1973

■ 82.5240, 28.8287,
-6.5985

■ 20.5040, 59.4045,
-13.5970

■ 94.9280, 22.7135,
-5.1989

■ 16.0740, 61.5885,
-14.0969

■ 107.3320, 16.5983,
-3.7992

■ 120.6220, 10.0464,
-2.2995

■ 133.0260, 3.9312,
-0.8998

■ 145.4300, -2.1840,
0.4999

■ 157.8340, -8.2992,
1.8996

■ 170.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



56.8850, 47.8777, -49.8881



57.7160, 41.0590, -9.3979



45.8710, 29.6436, 58.8721

Triad

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



57.7160, 41.0590, -9.3979



54.3100, -26.7748, 47.9631



52.6260, 3.6354, -46.1530

Complementary

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



57.7160, 41.0590, -9.3979



130.2840, -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.



44.8230, -18.6467, -39.3098



57.7160, 41.0590, -9.3979



56.7590, -27.9822, 15.1204

Square

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



57.7160, 41.0590, -9.3979



41.1070, -11.8848, 78.8362



48.2660, -23.7951, -21.2813



57.9840, 24.1649, -50.8520

Rectangle

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



57.7160, 41.0590, -9.3979



47.9470, 14.3231, 72.8375



48.2660, -23.7951, -21.2813



50.2150, -3.0640, -44.0386

Sweetspot

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



57.7160, 41.0590, -9.3979



151.2180, 16.1615, -3.6992



112.8940, 13.8563, -57.7890



72.5080, 9.6096, -2.1995



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.7160, 41.0590, -9.3979



53.7580, 64.2093, -14.6968



71.7690, 34.1309, 19.4966



64.7980, 3.0576, -0.6998



15.3900, 58.9677, -13.4970



0.9120, 3.4944, -0.7998

Inverse Universe

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



85.8220, 27.2028, 48.3911



97.7110, 42.5405, 75.6755



116.2310, -34.1309, -19.4966



66.8910, 2.0257, 3.6036



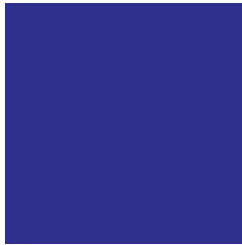
55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 57.7160, 41.0590, -9.3979 looks on a white background.

Color Contrast Check

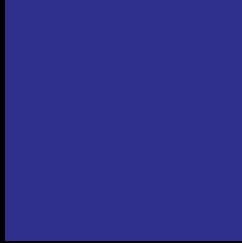
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 57.7160, 41.0590, -9.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

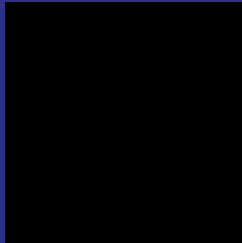
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.7160, 41.0590, -9.3979

Background



This preview shows how black text looks on a background with the YUV color 57.7160, 41.0590, -9.3979.



This preview shows how white text looks on a background with the YUV color 57.7160, 41.0590,

-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

57.7160, 41.0590, -9.3979

Protanopia

48.0680, 36.9415, -42.1556

Tritanopia

47.5370, 12.0603, -41.6899

Trichromacy



Original Color

57.7160, 41.0590, -9.3979

Protanomaly

51.6010, 38.6507, -30.3451

Tritanomaly

51.3610, 22.5000, -30.1346

Monochromacy



Original Color

57.7160, 41.0590, -9.3979

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.8760, 14.8511, -3.3993

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.7160, 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(47, 47, 141)` looks like.

```
.text, #text, p{  
    color:rgb(47, 47, 141)  
}
```

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(47, 47, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 47, 141) }
```

Border

The CSS property to change the border of an element to YUV 57.7160, 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(47, 47, 141) }
```

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

```
.border{ border-color:rgb(47, 47, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 47, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 47, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 47, 141);  
box-shadow:4px 4px 4px 4px rgb(47, 47,  
141) }
```


Background

The CSS property to change the background color of an element to YUV 57.7160, 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(47, 47, 141) }
```

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

```
.background{ background-color: rgb(47, 47,  
141) }
```

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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