

Converting Colors

YUV(93.7050, 41.0644,
-11.1423)

Have a look what the booklet for
YUV(93.7050, 41.0644, -11.1423)
contains.

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Color

**YUV(93.7050, 41.0644,
-11.1423)**

Conversions

Conversions Part 1

Format	Color
Hex	5154B1
RGB	81, 84, 177
RGB Percent	32%, 33%, 69%
CMY	0.6824, 0.6706, 0.3059
CMYK	0.54, 0.53, 0.00, 0.31
HSL	238°, 38%, 51%
HSV	238°, 54%, 69%
XYZ	14.4995, 11.2643, 43.0050
YIQ	93.7050, -31.6410, 28.2870

Conversions

Conversions Part 2

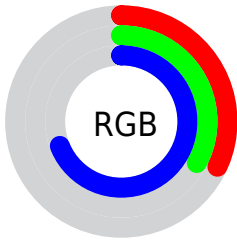
Format	Color
R _Y B	81, 84, 177
Decimal	5330097
CIE Lab	40.02, 25.69, -50.15
CIE LCh	40, 56.346, 297.122
Yxy	11.2643, 0.2108, 0.1638
Android (android.graphics.Color)	4283520177 (0xFF5154B1)
YUV	93.7050, 41.0644, -11.1423
Hunter-Lab	33.5623, 18.3808, -52.4774

Details

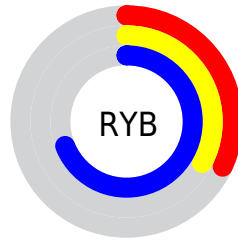
The YUV color **93.7050, 41.0644, -11.1423** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **164.2950, -41.0644, 11.1423**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1830, 42.8008, -8.0535**, and **40.9160, 40.9604, -24.4823** is the 20% darker color. If you saturate the color by 10%, you get **78.3440, 48.6374, -13.4567**, and if you desaturate by 10%, it is **109.0660, 33.4915, -8.8279**.

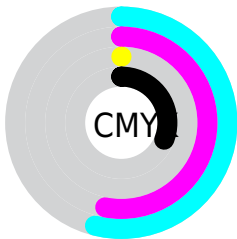
Distribution



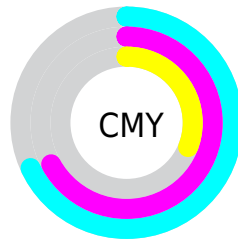
- Red (32%)
- Green (33%)
- Blue (69%)



- Red (32%)
- Yellow (33%)
- Blue (69%)



- Cyan (54%)
- Magenta (53%)
- Yellow (0%)
- Black (31%)



- Cyan (68%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7050, 41.0644, -11.1423 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 93.7050, 41.0644, -11.1423 by changing the saturation by 10% instead.

■ 93.7050, 41.0644,
-11.1423

■ 93.7050, 41.0644,
-11.1423

■ 255.0000, 0.0000,
0.0000

■ 68.4550, 40.2017,
-14.4310

■ 146.1830, 42.8008,
-8.0535

■ 40.9160, 40.9604,
-24.4823

■ 172.3250, 40.7588,
-6.4240

■ 22.3250, 37.3078,
-19.5790

■ 196.8450, 28.6704,
-2.4951

■ 8.4360, 32.3231,
-7.3984

■ 221.3650, 16.5821,
1.4339

■ 8.0480, 20.6823,
-7.0581

■ 247.3580, 3.7675,
4.9480

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 93.7050, 41.0644,
-11.1423

■ 93.7050, 41.0644,
-11.1423

■ 78.3440, 48.6374,
-13.4567

■ 109.0660, 33.4915,
-8.8279

■ 63.2820, 56.0630,
-15.1563

■ 124.1280, 26.0659,
-7.1283

■ 47.9210, 63.6359,
-17.4707

■ 139.4890, 18.4929,
-4.8139

■ 31.9730, 71.4983,
-19.2703

■ 155.4370, 10.6306,
-3.0142

■ 23.7000, 75.5769,
-20.7849

■ 170.7980, 3.0576,
-0.6998

■ 185.8600, -4.3680,
0.9998

■ 201.2210,
-11.9410, 3.3142

■ 216.5820,
-19.5139, 5.6286

■ 231.6440,
-26.9395, 7.3282

Harmonies

Analogous

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



80.6050, 52.4527, -70.6906



93.7050, 41.0644, -11.1423



94.8060, 24.7456, 43.1431

Triad

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



93.7050, 41.0644, -11.1423



88.1510, -39.0214, 55.9956



76.9500, 5.4477, -67.4851

Complementary

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



93.7050, 41.0644, -11.1423



164.2950, -41.0644, 11.1423

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.



69.7170, -14.6505, -61.1418



93.7050, 41.0644, -11.1423



88.6990, -43.7286, 25.6970

Square

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



93.7050, 41.0644, -11.1423



86.4610, -15.5103, 75.0177



83.1740, -41.0048, -8.0456



82.8950, 25.6878, -72.6989

Rectangle

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



93.7050, 41.0644, -11.1423



89.8600, 12.8870, 66.7748



83.1740, -41.0048, -8.0456



75.1260, -1.5411, -65.8855

Sweetspot

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



93.7050, 41.0644, -11.1423



197.8050, 15.8721, -4.2140



147.9540, 12.8407, -58.7187



96.0950, 9.3202, -2.7143



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



93.7050, 41.0644, -11.1423



100.0350, 64.0727, -17.5707



105.3990, 35.2993, 18.0671



81.6130, 3.6418, -1.4146



20.3770, 65.3831, -17.8706



3.5510, 11.0674, -3.1142

Inverse Universe

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



110.0460, -12.8407, 58.7187



125.4200, -19.9271, 91.7167



152.6010, -35.2993, -18.0671



82.8050, -0.8899, 5.4330



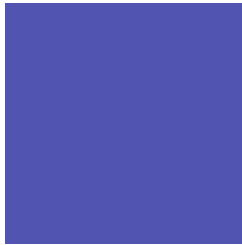
46.3170, -20.3693, 93.5610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 93.7050, 41.0644, -11.1423 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 × Fail

Black Background



This preview shows how the YUV color 93.7050, 41.0644, -11.1423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

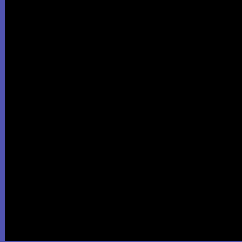
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7050, 41.0644, -11.1423

Background



This preview shows how black text looks on a background with the YUV color 93.7050, 41.0644, -11.1423.



This preview shows how white text looks on a background with the YUV color 93.7050, 41.0644,

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

93.7050, 41.0644, -11.1423

Protanopia

85.1570, 48.7296, -43.1107

Deuteranopia

75.6180, 46.0373, -66.3170



Tritanopia

88.7560, 9.9803, -27.8500

Trichromacy



Original Color

93.7050, 41.0644, -11.1423

Protanomaly

87.8380, 45.9289, -31.4299

Deuteranomaly

82.2830, 44.2305, -46.7292

Tritanomaly

90.7750, 21.3099, -21.7277

Monochromacy



Original Color

93.7050, 41.0644, -11.1423

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.5770, 14.9985, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7050, 41.0644, -11.1423 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(81, 84, 177)` looks like.

```
.text, #text, p{  
    color:rgb(81, 84, 177)  
}
```

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(81, 84, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 84, 177) }
```

Border

The CSS property to change the border of an element to YUV 93.7050, 41.0644, -11.1423 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(81, 84, 177) }
```


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

```
.border{ border-color:rgb(81, 84, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 84, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 84, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 84, 177);  
box-shadow:4px 4px 4px 4px rgb(81, 84,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 93.7050, 41.0644, -11.1423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 84, 177) }
```

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

```
.background{ background-color: rgb(81, 84,  
177) }
```

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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