

Converting Colors

YUV(92.9340, 57.2205,
-13.0971)

Have a look what the booklet for
YUV(92.9340, 57.2205, -13.0971)
contains.

YUV(92.9340, 57.2205, -13.0971)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(92.9340, 57.2205,
-13.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4ED1
RGB	78, 78, 209
RGB Percent	31%, 31%, 82%
CMY	0.6941, 0.6941, 0.1804
CMYK	0.63, 0.63, 0.00, 0.18
HSL	240°, 59%, 56%
HSV	240°, 63%, 82%
XYZ	17.3749, 11.6719, 61.6588
YIQ	92.9340, -42.0510, 40.7410

Conversions

Conversions Part 2

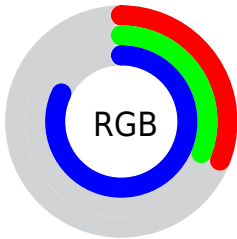
Format	Color
R_{YB}	78, 78, 209
Decimal	5131985
CIE _{Lab}	40.69, 39.42, -67.72
CIE _{LCh}	41, 78.360, 300.199
Yxy	11.6719, 0.1916, 0.1287
Android (android.graphics.Color)	4283322065 (0xFF4E4ED1)
YUV	92.9340, 57.2205, -13.0971
Hunter-Lab	34.1642, 30.9924, -83.0902

Details

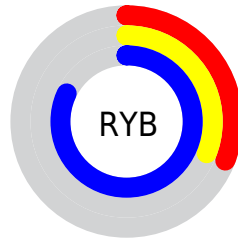
The YUV color **92.9340, 57.2205, -13.0971** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **194.0660, -57.2205, 13.0971**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0660, 53.7045, -5.3199**, and **36.8130, 57.2802, -32.2850** is the 20% darker color. If you saturate the color by 10%, you get **74.3280, 66.3933, -15.1967**, and if you desaturate by 10%, it is **111.5400, 48.0478, -10.9976**.

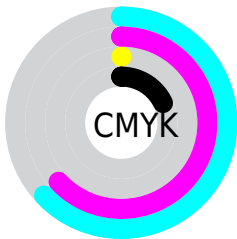
Distribution



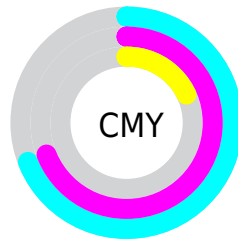
- Red (31%)
- Green (31%)
- Blue (82%)



- Red (31%)
- Yellow (31%)
- Blue (82%)



- Cyan (63%)
- Magenta (63%)
- Yellow (0%)
- Black (18%)



- Cyan (69%)
- Magenta (69%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.9340, 57.2205, -13.0971 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 92.9340, 57.2205, -13.0971 by changing the saturation by 10% instead.

■ 92.9340, 57.2205,
-13.0971

■ 92.9340, 57.2205,
-13.0971

255.0000, 0.0000,
0.0000

■ 65.1780, 57.1002,
-21.2041

■ 146.0660, 53.7045,
-5.3199

■ 36.8130, 57.2802,
-32.2850

■ 170.2980, 41.7581,
-0.2613

■ 22.1090, 51.7113,
-19.3896

■ 195.1170, 29.5223,
4.2824

■ 11.5140, 44.1166,
-10.0978

■ 219.9360, 17.2866,
8.8261

■ 13.9470, 30.5921,
-12.2315

■ 244.4340, 5.2090,
9.2664

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 92.9340, 57.2205,
-13.0971

■ 92.9340, 57.2205,
-13.0971

■ 74.3280, 66.3933,
-15.1967

■ 111.5400, 48.0478,
-10.9976

■ 55.7220, 75.5661,
-17.2962

■ 130.1460, 38.8750,
-8.8980

■ 37.1160, 84.7388,
-19.3957

■ 148.7520, 29.7023,
-6.7985

■ 23.8260, 91.2908,
-20.8954

■ 167.3580, 20.5295,
-4.6990

■ 185.9640, 11.3567,
-2.5994

■ 203.6840, 2.6208,
-0.5999

■ 222.2900, -6.5520,
1.4997

■ 240.8960,
-15.7247, 3.5992

■ 249.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



87.5130, 68.7671, -76.7489



92.9340, 57.2205, -13.0971



82.9730, 38.4673, 75.4457

Triad

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



92.9340, 57.2205, -13.0971



87.2020, -42.9906, 69.1058



81.8570, 6.4795, -71.7886

Complementary

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



92.9340, 57.2205, -13.0971



194.0660, -57.2205, 13.0971

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.



71.6600, -24.9754, -62.8458



92.9340, 57.2205, -13.0971



90.1610, -44.4494, 23.5378

Square

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



92.9340, 57.2205, -13.0971



63.0070, -13.3145, 117.5119



79.5200, -39.2034, -25.8890



89.8540, 34.5820, -78.8020

Rectangle

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



92.9340, 57.2205, -13.0971



71.9850, 23.6714, 107.8842



79.5200, -39.2034, -25.8890



78.6480, -3.2775, -68.9743

Sweetspot

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



92.9340, 57.2205, -13.0971



212.4720, 20.9663, -4.7989



169.8310, 19.3103, -80.5358



101.4200, 13.1039, -2.9993



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.



92.9340, 57.2205, -13.0971



85.7740, 83.4284, -19.0958



112.6680, 47.4917, 27.4782



95.2540, 4.8048, -1.0998



19.1520, 73.3821, -16.7963



4.6740, 17.9087, -4.0991

Inverse Universe

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



132.1030, 37.9102, 67.4387



142.8830, 55.2737, 98.3266



174.6310, -47.6391, -26.8634



98.5430, 3.1833, 5.6628



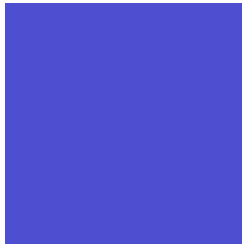
69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 92.9340, 57.2205, -13.0971 looks on a white background.

Color Contrast Check

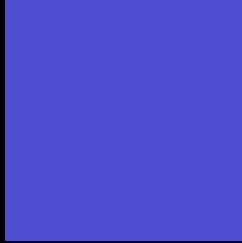
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.9340, 57.2205, -13.0971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

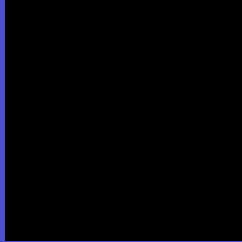
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.9340, 57.2205, -13.0971

Background



This preview shows how black text looks on a background with the YUV color 92.9340, 57.2205, -13.0971.



This preview shows how white text looks on a background with the YUV color 92.9340, 57.2205, -13.0971.

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

92.9340, 57.2205, -13.0971

Protanopia

76.2340, 58.5516, -66.8572

Deuteranopia

76.6780, 45.0217, -67.2466



Tritanopia

81.7960, 15.8766, -52.4411

Trichromacy



Original Color

92.9340, 57.2205, -13.0971

Protanomaly

82.2410, 58.0552, -47.5694

Deuteranomaly

82.6510, 49.4721, -47.9289

Tritanomaly

85.8960, 31.1103, -38.4968

Monochromacy



Original Color

92.9340, 57.2205, -13.0971

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.3580, 20.5295, -4.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.9340, 57.2205, -13.0971 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(78, 78, 209)` looks like.

```
.text, #text, p{  
    color:rgb(78, 78, 209)  
}
```

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(78, 78, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 78, 209) }
```

Border

The CSS property to change the border of an element to YUV 92.9340, 57.2205, -13.0971 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(78, 78, 209) }
```


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

```
.border{ border-color:rgb(78, 78, 209) }
```

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

Here you see how a box with a 4 pixel rgb(78, 78, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 78, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 78, 209);  
box-shadow:4px 4px 4px 4px rgb(78, 78,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 92.9340, 57.2205, -13.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 78, 209) }
```

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

```
.background{ background-color: rgb(78, 78,  
209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor