

Converting Colors

YUV(94.9340, 57.2205,
-13.0971)

Have a look what the booklet for
YUV(94.9340, 57.2205, -13.0971)
contains.

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Color

**YUV(94.9340, 57.2205,
-13.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	5050D3
RGB	80, 80, 211
RGB Percent	31%, 31%, 83%
CMY	0.6863, 0.6863, 0.1725
CMYK	0.62, 0.62, 0.00, 0.17
HSL	240°, 60%, 57%
HSV	240°, 62%, 83%
XYZ	17.9348, 12.1459, 63.0272
YIQ	94.9340, -42.0510, 40.7410

Conversions

Conversions Part 2

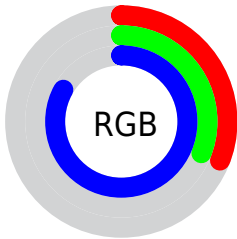
Format	Color
R_{YB}	80, 80, 211
Decimal	5263571
CIE _{Lab}	41.45, 39.17, -67.63
CIE _{LCh}	41, 78.157, 300.076
Yxy	12.1459, 0.1926, 0.1305
Android (android.graphics.Color)	4283453651 (0xFF5050D3)
YUV	94.9340, 57.2205, -13.0971
Hunter-Lab	34.8510, 30.8691, -82.8286

Details

The YUV color **94.9340, 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 **196.0660, -57.2205, 13.0971**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8380, 52.8309, -5.1199**, and **38.2150, 57.5750, -33.5146** is the 20% darker color. If you saturate the color by 10%, you get **76.3280, 66.3933, -15.1967**, and if you desaturate by 10%, it is **113.5400, 48.0478, -10.9976**.

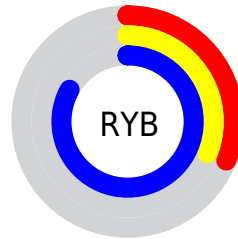
Distribution



Red (31%)

Green (31%)

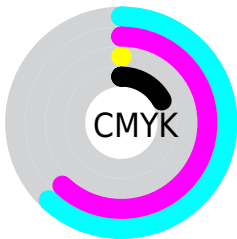
Blue (83%)



Red (31%)

Yellow (31%)

Blue (83%)

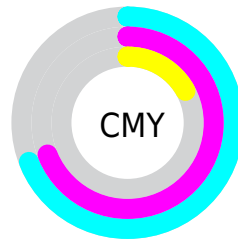


Cyan (62%)

Magenta (62%)

Yellow (0%)

Black (17%)



Cyan (69%)

Magenta (69%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9340, 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 94.9340, 57.2205, -13.0971 by changing the saturation by 10% instead.

■ 94.9340, 57.2205,
-13.0971

■ 94.9340, 57.2205,
-13.0971

255.0000, 0.0000,
0.0000

■ 67.4770, 56.9528,
-20.5893

■ 147.8380, 52.8309,
-5.1199

■ 38.2150, 57.5750,
-33.5146

■ 171.7710, 41.0319,
-0.6762

■ 23.3970, 51.5693,
-20.5192

■ 196.5900, 28.7961,
3.8676

■ 11.7420, 44.9902,
-10.2977

■ 222.2950, 16.1236,
8.5113

■ 13.4740, 31.3183,
-11.8167

■ 245.6080, 4.6303,
8.2368

■ 9.0910, 22.1401,
-7.9728

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 94.9340, 57.2205,
-13.0971

■ 94.9340, 57.2205,
-13.0971

■ 76.3280, 66.3933,
-15.1967

■ 113.5400, 48.0478,
-10.9976

■ 57.7220, 75.5661,
-17.2962

■ 132.1460, 38.8750,
-8.8980

■ 39.1160, 84.7388,
-19.3957

■ 150.7520, 29.7023,
-6.7985

■ 24.0540, 92.1644,
-21.0954

■ 169.3580, 20.5295,
-4.6990

■ 188.8500, 10.9200,
-2.4994

■ 207.4560, 1.7472,
-0.3999

■ 226.0620, -7.4256,
1.6996

■ 244.6680,
-16.5983, 3.7992

■ 249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



88.9150, 69.0619, -77.9785



94.9340, 57.2205, -13.0971



86.1470, 37.8885, 74.4161

Triad

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



94.9340, 57.2205, -13.0971



88.9740, -43.8642, 69.3058



83.1450, 6.3375, -72.9182

Complementary

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



94.9340, 57.2205, -13.0971



196.0660, -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.



73.1760, -24.2438, -64.1754



94.9340, 57.2205, -13.0971



92.2320, -45.4704, 24.3525

Square

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



94.9340, 57.2205, -13.0971



63.8330, -12.7357, 118.5415



81.5910, -40.2244, -25.0743



90.5550, 34.7294, -79.4167

Rectangle

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



94.9340, 57.2205, -13.0971



72.8110, 24.2502, 108.9138



81.5910, -40.2244, -25.0743



79.9360, -3.4194, -70.1039

Sweetspot

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



94.9340, 57.2205, -13.0971



212.4720, 20.9663, -4.7989



171.8310, 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.



94.9340, 57.2205, -13.0971



85.7740, 83.4284, -19.0958



114.6680, 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.



134.1030, 37.9102, 67.4387



142.8830, 55.2737, 98.3266



176.6310, -47.6391, -26.8634



98.5430, 3.1833, 5.6628



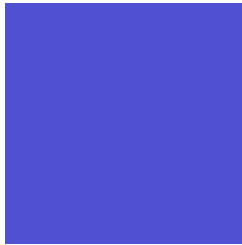
69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 94.9340, 57.2205, -13.0971 looks on a white background.

Color Contrast Check

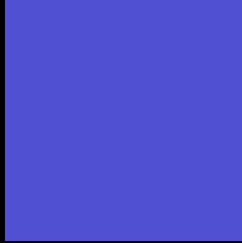
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.9340, 57.2205, -13.0971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

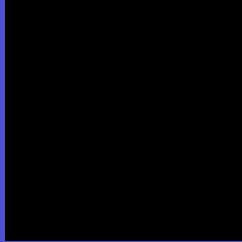
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9340, 57.2205, -13.0971

Background



This preview shows how black text looks on a background with the YUV color 94.9340, 57.2205, -13.0971.



This preview shows how white text looks on a background with the YUV color 94.9340, 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

94.9340, 57.2205, -13.0971

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

78.1940, 45.7534, -68.5761



Tritanopia

84.4050, 15.5763, -49.4672

Trichromacy



Original Color

94.9340, 57.2205, -13.0971

Protanomaly

84.0560, 58.6394, -48.2841

Deuteranomaly

84.4660, 50.0563, -48.6437

Tritanomaly

88.2060, 30.9574, -36.1377

Monochromacy



Original Color

94.9340, 57.2205, -13.0971

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.3580, 20.5295, -4.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9340, 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(80, 80, 211)` looks like.

```
.text, #text, p{  
    color:rgb(80, 80, 211)  
}
```

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(80, 80, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 80, 211) }
```

Border

The CSS property to change the border of an element to YUV 94.9340, 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(80, 80, 211) }
```


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

```
.border{ border-color:rgb(80, 80, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 80, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 80, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 80, 211);  
box-shadow:4px 4px 4px 4px rgb(80, 80,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 94.9340, 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(80, 80, 211) }
```

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

```
.background{ background-color: rgb(80, 80,  
211) }
```

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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