

Converting Colors

YUV(94.8100, 72.0717,
-16.4964)

Have a look what the booklet for
YUV(94.8100, 72.0717, -16.4964)
contains.

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Color

**YUV(94.8100, 72.0717,
-16.4964)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4CF1
RGB	76, 76, 241
RGB Percent	30%, 30%, 95%
CMY	0.7020, 0.7020, 0.0549
CMYK	0.68, 0.68, 0.00, 0.05
HSL	240°, 85%, 62%
HSV	240°, 68%, 95%
XYZ	21.4421, 13.0563, 84.6091
YIQ	94.8100, -52.9650, 51.3150

Conversions

Conversions Part 2

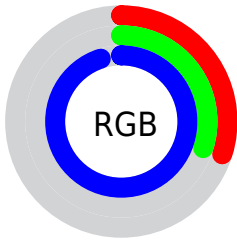
Format	Color
R _Y B	76, 76, 241
Decimal	5000433
CIE Lab	42.85, 50.72, -82.41
CIE LCh	43, 96.769, 301.612
Yxy	13.0563, 0.1800, 0.1096
Android (android.graphics.Color)	4283190513 (0xFF4C4CF1)
YUV	94.8100, 72.0717, -16.4964
Hunter-Lab	36.1334, 42.6910, -113.5384

Details

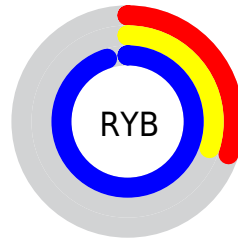
The YUV color **94.8100, 72.0717, -16.4964** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **222.1900, -72.0717, 16.4964**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0880, 53.6936, -1.8312**, and **38.4720, 71.2523, -33.7399** is the 20% darker color. If you saturate the color by 10%, you get **73.5460, 82.5548, -18.8958**, and if you desaturate by 10%, it is **116.0740, 61.5885, -14.0969**.

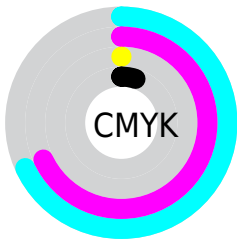
Distribution



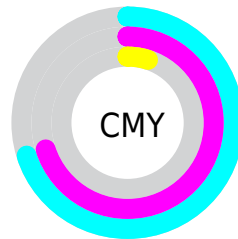
- Red (30%)
- Green (30%)
- Blue (95%)



- Red (30%)
- Yellow (30%)
- Blue (95%)



- Cyan (68%)
- Magenta (68%)
- Yellow (0%)
- Black (5%)



- Cyan (70%)
- Magenta (70%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8100, 72.0717, -16.4964 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 94.8100, 72.0717, -16.4964 by changing the saturation by 10% instead.

■ 94.8100, 72.0717,
-16.4964

■ 94.8100, 72.0717,
-16.4964

■ 255.0000, 0.0000,
0.0000

■ 62.7650, 73.5729,
-31.3659

■ 146.0880, 53.6936,
-1.8312

■ 38.4720, 71.2523,
-33.7399

■ 170.9180, 41.4524,
4.4569

■ 22.4800, 65.8254,
-19.7150

■ 196.0360, 29.0693,
9.6154

■ 14.7060, 56.3469,
-12.8972

■ 221.7410, 16.3967,
14.2591

■ 12.9160, 44.4114,
-11.3273

■ 243.8470, 5.4984,
9.7812

■ 14.6480, 30.7395,
-12.8463

■ 9.0910, 22.1401,

-7.9728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 94.8100, 72.0717,
-16.4964

■ 94.8100, 72.0717,
-16.4964

■ 73.5460, 82.5548,
-18.8958

■ 116.0740, 61.5885,
-14.0969

■ 52.2820, 93.0380,
-21.2953

■ 137.3380, 51.1054,
-11.6974

■ 31.0180, 103.5211,
-23.6948

■ 158.6020, 40.6222,
-9.2980

■ 27.4740, 105.2683,
-24.0947

■ 179.8660, 30.1391,
-6.8985

■ 202.0160, 19.2191,
-4.3990

■ 223.2800, 8.7360,
-1.9996

■ 244.5440, -1.7472,
0.3999

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



95.4010, 78.6823, -83.6667



94.8100, 72.0717, -16.4964



78.4120, 49.5899, 101.3707

Triad

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



94.8100, 72.0717, -16.4964



89.9260, -44.3335, 79.8719



88.1660, 7.8062, -77.3216

Complementary

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



94.8100, 72.0717, -16.4964



222.1900, -72.0717, 16.4964

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.



74.5490, -36.7527, -65.3795



94.8100, 72.0717, -16.4964



94.5800, -46.6279, 22.2933

Square

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



94.8100, 72.0717, -16.4964



68.5870, -22.9674, 133.6662



74.6370, -36.7960, -51.4246



97.9870, 42.8974, -85.9346

Rectangle

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



94.8100, 72.0717, -16.4964



81.4540, 22.4542, 125.0128



74.6370, -36.7960, -51.4246



84.2730, -4.5716, -73.9074

Sweetspot

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



94.8100, 72.0717, -16.4964



207.1560, 23.5871, -5.3988



191.6650, 24.3222, -101.4382



99.6480, 13.9775, -3.1993



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.



94.8100, 72.0717, -16.4964



69.8260, 91.2908, -20.8954



119.6270, 59.8369, 34.5301



109.3680, 5.2416, -1.1997



20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Inverse Universe

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



144.1450, 47.7495, 84.9418



132.3170, 60.4827, 107.5930



197.6720, -59.9843, -33.9153



112.9560, 3.4727, 6.1776



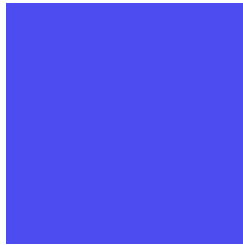
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 94.8100, 72.0717, -16.4964 looks on a white background.

Color Contrast Check

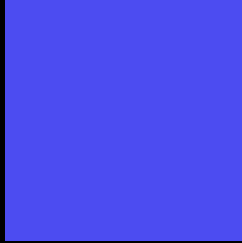
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.8100, 72.0717, -16.4964 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 94.8100, 72.0717, -16.4964

Background



This preview shows how black text looks on a background with the YUV color 94.8100, 72.0717, -16.4964.



This preview shows how white text looks on a background with the YUV color 94.8100, 72.0717, -16.4964.

-16.4964.

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

94.8100, 72.0717, -16.4964

Protanopia

80.1950, 61.0359, -70.3310

Deuteranopia

80.4110, 46.6324, -70.5204



Tritanopia

78.7230, 19.8566, -69.0401

Trichromacy



Original Color

94.8100, 72.0717, -16.4964

Protanomaly

85.3530, 64.9020, -50.2986

Deuteranomaly

85.6490, 55.8820, -50.5582

Tritanomaly

84.4800, 38.7104, -49.5330

Monochromacy



Original Color

94.8100, 72.0717, -16.4964

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8400, 26.2079, -5.9987

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8100, 72.0717, -16.4964 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(76, 76, 241)` looks like.

```
.text, #text, p{  
    color:rgb(76, 76, 241)  
}
```

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(76, 76, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 76, 241) }
```

Border

The CSS property to change the border of an element to YUV 94.8100, 72.0717, -16.4964 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(76, 76, 241) }
```


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

```
.border{ border-color:rgb(76, 76, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 76, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 76, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 76, 241);  
box-shadow:4px 4px 4px 4px rgb(76, 76,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 94.8100, 72.0717, -16.4964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 76, 241) }
```

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

```
.background{ background-color: rgb(76, 76,  
241) }
```

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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