

Converting Colors

YUV(94.6520, 71.6566,
-23.3738)

Have a look what the booklet for
YUV(94.6520, 71.6566, -23.3738)
contains.

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Color

**YUV(94.6520, 71.6566,
-23.3738)**

Conversions

Conversions Part 1

Format	Color
Hex	4450F0
RGB	68, 80, 240
RGB Percent	27%, 31%, 94%
CMY	0.7333, 0.6863, 0.0588
CMYK	0.72, 0.67, 0.00, 0.06
HSL	236°, 85%, 60%
HSV	236°, 72%, 94%
XYZ	20.9807, 13.2575, 83.8912
YIQ	94.6520, -58.5120, 47.2160

Conversions

Conversions Part 2

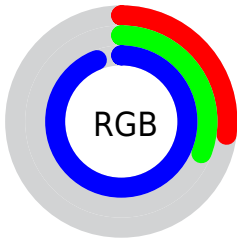
Format	Color
R _Y B	68, 79, 240
Decimal	4477168
CIE Lab	43.15, 47.23, -81.37
CIE LCh	43, 94.082, 300.131
Yxy	13.2575, 0.1776, 0.1122
Android (android.graphics.Color)	4282667248 (0xFF4450F0)
YUV	94.6520, 71.6566, -23.3738
Hunter-Lab	36.4109, 39.1364, -111.1174

Details

The YUV color $[94.6520, 71.6566, -23.3738]$ is a dark color, and the websafe version is hex $6666FF$. The color can be described as middle washed blue. A complement of this color would be $[213.3480, -71.6566, 23.3738]$, and the grayscale version is $[94.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[146.6420, 53.4205, -7.5790]$, and $[41.4070, 69.8053, -36.3139]$ is the 20% darker color. If you saturate the color by 10%, you get $[74.5620, 81.5609, -26.8029]$, and if you desaturate by 10%, it is $[114.7420, 61.7522, -19.9447]$.

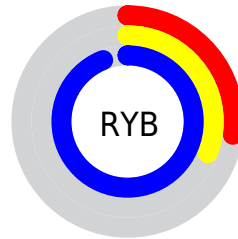
Distribution



Red (27%)

Green (31%)

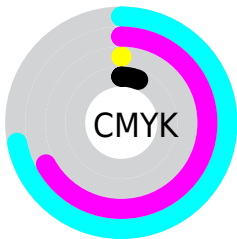
Blue (94%)



Red (27%)

Yellow (31%)

Blue (94%)

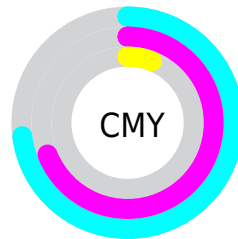


Cyan (72%)

Magenta (67%)

Yellow (0%)

Black (6%)



Cyan (73%)

Magenta (69%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.6520, 71.6566, -23.3738 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 94.6520, 71.6566, -23.3738 by changing the saturation by 10% instead.

■ 94.6520, 71.6566,
-23.3738

■ 94.6520, 71.6566,
-23.3738

255.0000, 0.0000,
0.0000

■ 58.1110, 75.3743,
-49.2093

■ 146.6420, 53.4205,
-7.5790

■ 41.4070, 69.8053,
-36.3139

■ 171.4720, 41.1793,
-1.2909

■ 26.4750, 63.3628,
-23.2186

■ 196.5900, 28.7961,
3.8676

■ 14.5920, 55.9101,
-12.7972

■ 222.2950, 16.1236,
8.5113

■ 13.3890, 43.6852,
-11.7422

■ 245.6080, 4.6303,
8.2368

■ 14.0610, 31.0289,
-12.3315

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 94.6520, 71.6566,
-23.3738

■ 94.6520, 71.6566,
-23.3738

■ 74.5620, 81.5609,
-26.8029

■ 114.7420, 61.7522,
-19.9447

■ 53.8850, 91.7547,
-29.7171

■ 135.4190, 51.5584,
-17.0305

■ 37.3390, 99.9119,
-32.7463

■ 155.5090, 41.6541,
-13.6014

■ 175.5990, 31.7497,
-10.1723

■ 196.2760, 21.5559,
-7.2581

■ 216.3660, 11.6516,
-3.8290

■ 236.4560, 1.7472,
-0.3999

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



95.9880, 78.3929, -84.1815



94.6520, 71.6566, -23.3738



77.1450, 51.2005, 98.0968

Triad

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



94.6520, 71.6566, -23.3738



90.5240, -44.6283, 81.1015



87.7100, 6.0590, -76.9217

Complementary

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



94.6520, 71.6566, -23.3738



213.3480, -71.6566, 23.3738

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



94.6520, 71.6566, -23.3738



96.0750, -47.3650, 25.3672

Square

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



94.6520, 71.6566, -23.3738



69.4990, -19.4730, 132.8664



79.7310, -39.3074, -39.2291



97.8900, 39.9872, -85.8495

Rectangle

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



94.6520, 71.6566, -23.3738



81.0130, 24.6436, 122.7686



79.7310, -39.3074, -39.2291



84.0450, -5.4452, -73.7075

Sweetspot

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



94.6520, 71.6566, -23.3738



207.7320, 23.3031, -7.6580



186.9760, 19.2388, -104.3420



99.6370, 13.9830, -4.9436



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.



94.6520, 71.6566, -23.3738



69.7710, 91.3179, -29.6172



109.1360, 64.5160, 27.0677



109.9550, 4.9522, -1.7145



28.6070, 76.6087, -25.0883



8.7320, 23.3031, -7.6580

Inverse Universe

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



120.7960, -20.1124, 104.5419



103.1910, -25.7302, 133.1365



198.8640, -64.5160, -27.0677



111.7020, -1.3321, 7.2773



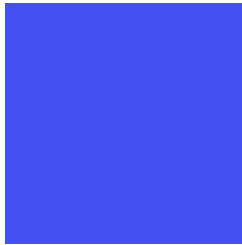
56.4980, -21.4445, 111.8193



17.2000, -6.5076, 34.0276

Previews

White Background



This preview shows how the YUV color 94.6520, 71.6566, -23.3738 looks on a white background.

Color Contrast Check

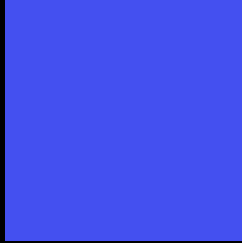
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.6520, 71.6566, -23.3738 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 94.6520, 71.6566, -23.3738

Background



This preview shows how black text looks on a background with the YUV color 94.6520, 71.6566, -23.3738.



This preview shows how white text looks on a background with the YUV color 94.6520, 71.6566,

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

94.6520, 71.6566, -23.3738

Protanopia

80.4230, 61.9095, -70.5310

Deuteranopia

81.1120, 46.7798, -71.1352



Tritanopia

79.4240, 20.0040, -69.6548

Trichromacy



Original Color

94.6520, 71.6566, -23.3738

Protanomaly

85.7440, 65.2022, -53.2725

Deuteranomaly

85.9260, 55.7455, -53.4321

Tritanomaly

84.8710, 39.0106, -52.5069

Monochromacy



Original Color

94.6520, 71.6566, -23.3738

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1170, 26.0713, -8.8726

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.6520, 71.6566, -23.3738 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(68, 80, 240)` looks like.

```
.text, #text, p{  
    color:rgb(68, 80, 240)  
}
```

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(68, 80, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 80, 240) }
```

Border

The CSS property to change the border of an element to YUV 94.6520, 71.6566, -23.3738 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(68, 80, 240) }
```


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

```
.border{ border-color:rgb(68, 80, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 80, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 80, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 80, 240);  
box-shadow:4px 4px 4px 4px rgb(68, 80,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 94.6520, 71.6566, -23.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 80, 240) }
```

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

```
.background{ background-color: rgb(68, 80,  
240) }
```

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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