

Converting Colors

YUV(99.7390, 73.0927,
-17.3111)

Have a look what the booklet for
YUV(99.7390, 73.0927, -17.3111)
contains.

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Color

**YUV(99.7390, 73.0927,
-17.3111)**

Conversions

Conversions Part 1

Format	Color
Hex	5051F8
RGB	80, 81, 248
RGB Percent	31%, 32%, 97%
CMY	0.6863, 0.6824, 0.0275
CMYK	0.68, 0.67, 0.00, 0.03
HSL	240°, 92%, 64%
HSV	240°, 68%, 97%
XYZ	23.1940, 14.3676, 90.3577
YIQ	99.7390, -54.2030, 51.7250

Conversions

Conversions Part 2

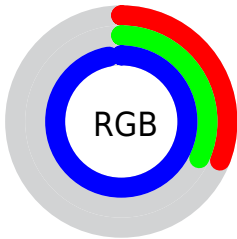
Format	Color
R _Y B	80, 81, 248
Decimal	5263864
CIE Lab	44.76, 50.57, -83.19
CIE LCh	45, 97.360, 301.295
Yxy	14.3676, 0.1813, 0.1123
Android (android.graphics.Color)	4283453944 (0xFF5051F8)
YUV	99.7390, 73.0927, -17.3111
Hunter-Lab	37.9047, 42.8914, -114.8031

Details

The YUV color **99.7390, 73.0927, -17.3111** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **228.2610, -73.0927, 17.3111**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2190, 51.6570, -1.9461**, and **42.2050, 72.8629, -37.0138** is the 20% darker color. If you saturate the color by 10%, you get **77.5890, 84.0126, -19.8106**, and if you desaturate by 10%, it is **121.8890, 62.1727, -14.8117**.

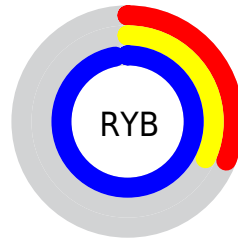
Distribution



Red (31%)

Green (32%)

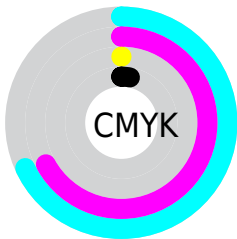
Blue (97%)



Red (31%)

Yellow (32%)

Blue (97%)

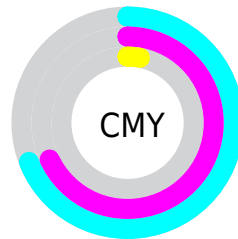


Cyan (68%)

Magenta (67%)

Yellow (0%)

Black (3%)



Cyan (69%)

Magenta (68%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7390, 73.0927, -17.3111 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 99.7390, 73.0927, -17.3111 by changing the saturation by 10% instead.

■ 99.7390, 73.0927,
-17.3111

■ 99.7390, 73.0927,
-17.3111

255.0000, 0.0000,
0.0000

■ 68.2920, 74.2990,
-30.9511

■ 150.2190, 51.6570,
-1.9461

■ 42.2050, 72.8629,
-37.0138

■ 175.6360, 39.1265,
3.8272

■ 26.0990, 66.9992,
-22.8888

■ 200.7540, 26.7433,
8.9857

■ 15.3900, 58.9677,
-13.4970

■ 226.4590, 14.0707,
13.6295

■ 12.4260, 47.6110,
-10.8976

■ 246.7820, 4.0515,
7.2072

■ 15.9190, 33.0709,
-13.9610

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 99.7390, 73.0927,
-17.3111

■ 99.7390, 73.0927,
-17.3111

■ 77.5890, 84.0126,
-19.8106

■ 121.8890, 62.1727,
-14.8117

■ 56.0260, 94.6432,
-22.8248

■ 143.4520, 51.5422,
-11.7974

■ 34.1750, 105.4157,
-24.7095

■ 165.3030, 40.7696,
-9.9127

■ 28.8590, 108.0365,
-25.3093

■ 187.4530, 29.8497,
-7.4133

■ 209.0160, 19.2191,
-4.3990

■ 231.1660, 8.2992,
-1.8996

■ 253.3160, -2.6208,
0.5999

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



98.3360, 77.2354, -86.2407



99.7390, 73.0927, -17.3111



81.0040, 51.7630, 104.3595

Triad

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



99.7390, 73.0927, -17.3111



94.3670, -46.5229, 82.1161



91.5570, 8.1064, -80.2955

Complementary

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



99.7390, 73.0927, -17.3111



228.2610, -73.0927, 17.3111

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.



77.9400, -36.4524, -68.3534



99.7390, 73.0927, -17.3111



99.6080, -49.1067, 24.0228

Square

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



99.7390, 73.0927, -17.3111



71.5490, -21.9627, 138.0845



81.1600, -40.0119, -46.6213



102.0790, 43.3451, -89.5233

Rectangle

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



99.7390, 73.0927, -17.3111



83.9320, 24.1905, 128.1016



81.1600, -40.0119, -46.6213



87.6640, -4.2714, -76.8813

Sweetspot

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



99.7390, 73.0927, -17.3111



209.8140, 22.2767, -5.0989



197.4260, 23.4540, -102.9826



100.5340, 13.5407, -3.0993



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.



99.7390, 73.0927, -17.3111



72.7720, 89.8384, -21.7250



123.3710, 61.4421, 33.0006



114.0690, 5.3890, -1.8145



22.1330, 82.2654, -19.4106



6.9540, 26.6447, -6.0987

Inverse Universe

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



130.3460, -24.3276, 103.1826



110.1210, -29.6397, 127.0589



204.6290, -61.4421, -33.0006



116.0010, -1.4795, 7.8921



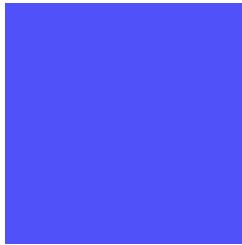
56.6250, -27.4231, 116.0929



18.2390, -8.9918, 37.5014

Previews

White Background



This preview shows how the YUV color 99.7390, 73.0927, -17.3111 looks on a white background.

Color Contrast Check

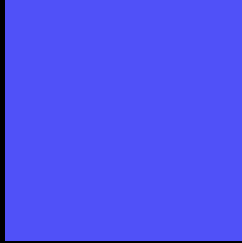
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.7390, 73.0927, -17.3111 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 99.7390, 73.0927, -17.3111

Background



This preview shows how black text looks on a background with the YUV color 99.7390, 73.0927, -17.3111.



This preview shows how white text looks on a background with the YUV color 99.7390, 73.0927, -17.3111.

-17.3111.

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

99.7390, 73.0927, -17.3111

Protanopia

83.6830, 64.2463, -73.3900

Deuteranopia

84.2580, 48.6798, -73.8943



Tritanopia

82.9290, 20.7410, -72.7287

Trichromacy



Original Color

99.7390, 73.0927, -17.3111

Protanomaly

89.6130, 67.2388, -53.1576

Deuteranomaly

89.7950, 57.7821, -53.3172

Tritanomaly

89.0990, 39.8842, -52.7068

Monochromacy



Original Color

99.7390, 73.0927, -17.3111

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9540, 26.6447, -6.0987

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7390, 73.0927, -17.3111 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, 81, 248)` looks like.

```
.text, #text, p{  
    color:rgb(80, 81, 248)  
}
```

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, 81, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 81, 248) }
```

Border

The CSS property to change the border of an element to YUV 99.7390, 73.0927, -17.3111 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, 81, 248) }
```


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

```
.border{ border-color:rgb(80, 81, 248) }
```

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

Here you see how a box with a 4 pixel rgb(80, 81, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 81, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 81, 248);  
box-shadow:4px 4px 4px 4px rgb(80, 81,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 99.7390, 73.0927, -17.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 81, 248) }
```

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

```
.background{ background-color: rgb(80, 81,  
248) }
```

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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