

Converting Colors

YUV(97.0570, 73.9219,
-50.0390)

Have a look what the booklet for
YUV(97.0570, 73.9219, -50.0390)
contains.

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Color

**YUV(97.0570, 73.9219,
-50.0390)**

Conversions

Conversions Part 1

Format	Color
Hex	2861F7
RGB	40, 97, 247
RGB Percent	16%, 38%, 97%
CMY	0.8431, 0.6196, 0.0314
CMYK	0.84, 0.61, 0.00, 0.03
HSL	223°, 93%, 56%
HSV	223°, 84%, 97%
XYZ	21.9383, 15.7159, 89.8729
YIQ	97.0570, -82.1220, 34.5660

Conversions

Conversions Part 2

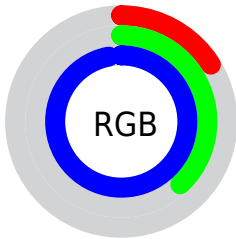
Format	Color
R_{YB}	40, 85, 247
Decimal	2646519
CIE _{Lab}	46.60, 36.88, -79.68
CIE _{LCh}	47, 87.801, 294.839
Yxy	15.7159, 0.1720, 0.1232
Android (android.graphics.Color)	4280836599 (0xFF2861F7)
YUV	97.0570, 73.9219, -50.0390
Hunter-Lab	39.6433, 29.4047, -106.6624

Details

The YUV color **97.0570, 73.9219, -50.0390** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed azure. A complement of this color would be **189.9430, -73.9219, 50.0390**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8370, 50.8594, -26.1670**, and **52.0700, 67.5065, -45.6654** is the 20% darker color. If you saturate the color by 10%, you get **79.0160, 82.8161, -56.1420**, and if you desaturate by 10%, it is **115.0980, 65.0277, -43.9359**.

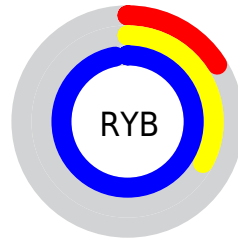
Distribution



Red (16%)

Green (38%)

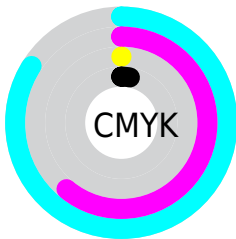
Blue (97%)



Red (16%)

Yellow (33%)

Blue (97%)

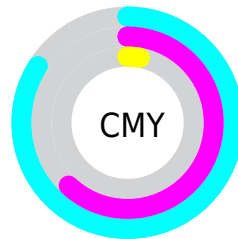


Cyan (84%)

Magenta (61%)

Yellow (0%)

Black (3%)



Cyan (84%)

Magenta (62%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.0570, 73.9219, -50.0390 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 97.0570, 73.9219, -50.0390 by changing the saturation by 10% instead.

■ 97.0570, 73.9219,
-50.0390

■ 97.0570, 73.9219,
-50.0390

■ 255.0000, 0.0000,
0.0000

■ 68.2900, 73.8070,
-59.8903

■ 151.8370, 50.8594,
-26.1670

■ 52.0700, 67.5065,
-45.6654

■ 177.8520, 38.0340,
-19.1642

■ 37.1380, 61.0640,
-32.5700

■ 203.2690, 25.5034,
-13.3909

■ 24.6680, 53.9007,
-21.6338

■ 228.9740, 12.8308,
-8.7472

■ 13.4860, 46.5954,
-11.8272

■ 253.8040, 0.5896,
-2.4591

■ 15.9190, 33.0709,
-13.9610

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 97.0570, 73.9219,
-50.0390

■ 97.0570, 73.9219,
-50.0390

■ 79.0160, 82.8161,
-56.1420

■ 115.0980, 65.0277,
-43.9359

■ 68.0740, 88.2105,
-59.7009

■ 132.8400, 56.2809,
-38.4477

■ 150.8810, 47.3867,
-32.3446

■ 168.9220, 38.4925,
-26.2416

■ 186.0770, 30.0350,
-20.2385

■ 204.1180, 21.1408,
-14.1355

■ 222.1590, 12.2466,
-8.0324

■ 240.2000, 3.3524,
-1.9294

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



102.4450, 75.2096, -89.8443



97.0570, 73.9219, -50.0390



101.5300, 47.0667, 70.5722

Triad

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



97.0570, 73.9219, -50.0390



97.3570, -47.9970, 88.2639



91.8360, 1.5599, -80.5402

Complementary

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



97.0570, 73.9219, -50.0390



189.9430, -73.9219, 50.0390

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.



78.6580, -38.7784, -68.9831



97.0570, 73.9219, -50.0390



104.1150, -51.3287, 36.7331

Square

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



97.0570, 73.9219, -50.0390



74.7410, -9.7323, 135.2851



95.2130, -46.9400, -17.7268



101.6740, 34.1777, -89.1681

Rectangle

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



97.0570, 73.9219, -50.0390



82.3960, 33.8218, 118.9247



95.2130, -46.9400, -17.7268



88.2850, -9.5075, -77.4259

Sweetspot

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



97.0570, 73.9219, -50.0390



208.8620, 22.7460, -15.6650



178.3810, 4.7422, -121.3601



99.9030, 13.8518, -9.5619



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.



97.0570, 73.9219, -50.0390



70.1600, 91.1261, -61.5303



77.0530, 83.7839, 6.9695



113.7160, 4.0840, -3.2589



51.1410, 66.4855, -44.8507



16.1180, 21.1408, -14.1355

Inverse Universe

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



108.3910, -5.6158, 121.5601



84.2250, -7.0129, 149.7697



209.9470, -83.7839, -6.9695



114.0440, -0.0217, 6.9774



61.4280, -5.1410, 109.2496



19.4650, -1.7082, 34.6722

Previews

White Background



This preview shows how the YUV color 97.0570, 73.9219, -50.0390 looks on a white background.

Color Contrast Check

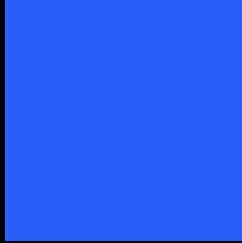
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.0570, 73.9219, -50.0390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

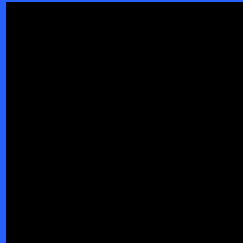
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

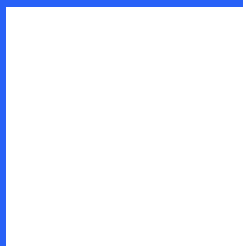
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.0570, 73.9219, -50.0390

Background



This preview shows how black text looks on a background with the YUV color 97.0570, 73.9219, -50.0390.



This preview shows how white text looks on a background with the YUV color 97.0570, 73.9219, -50.0390.

-50.0390.

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

97.0570, 73.9219, -50.0390

Protanopia

87.0570, 67.0199, -76.3490

Deuteranopia

87.6320, 51.4534, -76.8533



Tritanopia

86.3200, 21.0412, -75.7026

Trichromacy



Original Color

97.0570, 73.9219, -50.0390

Protanomaly

90.8070, 69.6081, -66.4827

Deuteranomaly

91.4620, 59.4252, -67.0572

Tritanomaly

90.4240, 40.2170, -66.1468

Monochromacy



Original Color

97.0570, 73.9219, -50.0390

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9910, 27.1194, -18.4091

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0570, 73.9219, -50.0390 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(40, 97, 247)` looks like.

```
.text, #text, p{  
    color:rgb(40, 97, 247)  
}
```

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(40, 97, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 97, 247) }
```

Border

The CSS property to change the border of an element to YUV 97.0570, 73.9219, -50.0390 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(40, 97, 247) }
```


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

```
.border{ border-color:rgb(40, 97, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 97, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 97, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 97, 247);  
box-shadow:4px 4px 4px 4px rgb(40, 97,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 97.0570, 73.9219, -50.0390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 97, 247) }
```

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

```
.background{ background-color: rgb(40, 97,  
247) }
```

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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