

Converting Colors

YUV(77.2070, 73.3549, -8.0745)

Have a look what the booklet for
YUV(77.2070, 73.3549, -8.0745)
contains.

YUV(77.2070, 73.3549, -8.0745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(77.2070, 73.3549,
-8.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	4435E2
RGB	68, 53, 226
RGB Percent	27%, 21%, 89%
CMY	0.7333, 0.7922, 0.1137
CMYK	0.70, 0.77, 0.00, 0.11
HSL	245°, 75%, 55%
HSV	245°, 77%, 89%
XYZ	17.3845, 9.2661, 72.8238
YIQ	77.2070, -46.5930, 56.9830

Conversions

Conversions Part 2

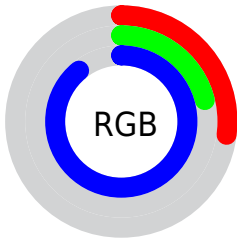
Format	Color
R _Y B	68, 53, 226
Decimal	4470242
CIE _{Lab}	36.49, 57.56, -84.40
CIE _{LCh}	36, 102.162, 304.295
Y _{xy}	9.2661, 0.1748, 0.0932
Android (android.graphics.Color)	4282660322 (0xFF4435E2)
YUV	77.2070, 73.3549, -8.0745
Hunter-Lab	30.4403, 48.6707, -120.5339

Details

The YUV color **77.2070, 73.3549, -8.0745** 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 **201.7930, -73.3549, 8.0745**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4940, 61.3815, 5.7058**, and **19.2660, 73.8189, -16.8963** is the 20% darker color. If you saturate the color by 10%, you get **57.4270, 83.1065, -9.1445**, and if you desaturate by 10%, it is **96.9870, 63.6034, -7.0046**.

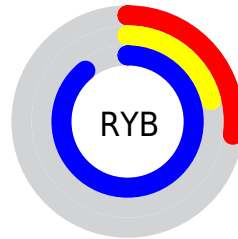
Distribution



Red (27%)

Green (21%)

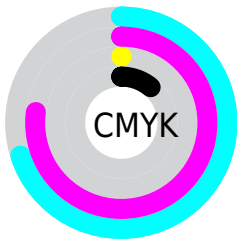
Blue (89%)



Red (27%)

Yellow (21%)

Blue (89%)

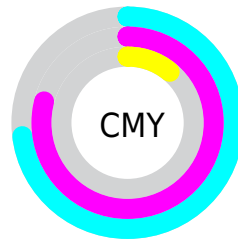


Cyan (70%)

Magenta (77%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (79%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2070, 73.3549, -8.0745 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 77.2070, 73.3549, -8.0745 by changing the saturation by 10% instead.

■ 77.2070, 73.3549,
-8.0745

■ 77.2070, 73.3549,
-8.0745

■ 255.0000, 0.0000,
0.0000

■ 40.9870, 76.9144,
-29.8066

■ 130.4940, 61.3815,
5.7058

■ 19.2660, 73.8189,
-16.8963

■ 155.3240, 49.1403,
11.9939

■ 16.1880, 62.0253,
-14.1969

■ 180.4420, 36.7571,
17.1524

■ 13.1100, 50.2318,
-11.4975

■ 206.1470, 24.0845,
21.7961

■ 17.7770, 35.1129,
-15.5904

■ 229.7590, 12.4438,
22.1364

■ 11.5190, 26.3661,
-10.1022

■ 246.7820, 4.0515,

■ 6.5490, 17.4773,

7.2072

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 77.2070, 73.3549,
-8.0745

■ 77.2070, 73.3549,
-8.0745

■ 57.4270, 83.1065,
-9.1445

■ 96.9870, 63.6034,
-7.0046

■ 38.5330, 92.4212,
-10.1144

■ 115.8810, 54.2887,
-6.0346

■ 31.7440, 95.7682,
-10.2995

■ 135.6610, 44.5371,
-4.9647

■ 154.8540, 35.0750,
-3.3800

■ 174.3350, 25.4708,
-2.9248

■ 194.1150, 15.7193,
-1.8549

■ 213.0090, 6.4046,
-0.8849

■ 232.7890, -3.3470,
0.1850

■ 251.3950,
-12.5197, 2.2846

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



77.2070, 73.3549, -8.0745



73.4410, 42.1806, 97.8372

Triad

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



77.2070, 73.3549, -8.0745



75.1300, -37.0391, 73.5540



77.2750, 9.2314, -67.7702

Complementary

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



77.2070, 73.3549, -8.0745



201.7930, -73.3549, 8.0745

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.



64.5700, -31.8330, -56.6279



77.2070, 73.3549, -8.0745



80.0610, -39.4701, 13.1015

Square

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



77.2070, 73.3549, -8.0745



60.6970, -29.9236, 124.7997



61.0480, -30.0967, -53.5391



87.9110, 44.9069, -77.0979

Rectangle

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



77.2070, 73.3549, -8.0745



75.4720, 15.0503, 119.7351



61.0480, -30.0967, -53.5391



73.3820, -3.1463, -64.3560

Sweetspot

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



77.2070, 73.3549, -8.0745



204.2210, 25.0340, -2.8248



166.0550, 29.5529, -99.1492



97.0010, 15.2825, -1.7549



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.



77.2070, 73.3549, -8.0745



53.0690, 99.5520, -10.5845



102.9210, 60.6779, 44.7963



102.5530, 4.6574, -0.4850



24.5490, 74.6653, -8.3745



6.6680, 20.3767, -2.3398

Inverse Universe

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



122.7390, 43.5127, 90.5599



114.7750, 59.2709, 122.9773



176.0790, -60.6779, -44.7963



105.4290, 2.7465, 5.7628



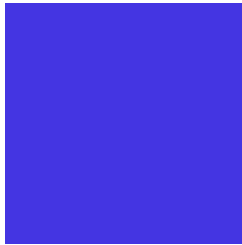
70.9780, 44.3808, 92.1043



19.3680, 12.1436, 25.1103

Previews

White Background



This preview shows how the YUV color 77.2070, 73.3549, -8.0745 looks on a white background.

Color Contrast Check

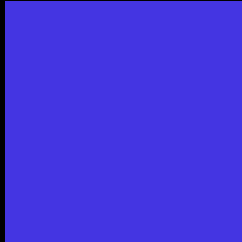
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 77.2070, 73.3549, -8.0745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 77.2070, 73.3549, -8.0745

Background



This preview shows how black text looks on a background with the YUV color 77.2070, 73.3549, -8.0745.



This preview shows how white text looks on a background with the YUV color 77.2070, 73.3549, -8.0745.

-8.0745.

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

77.2070, 73.3549, -8.0745

Protanopia

67.8560, 51.8360, -59.5097

Deuteranopia

68.5280, 39.1797, -60.0991



Tritanopia

67.2790, 16.6245, -59.0037

Trichromacy



Original Color

77.2070, 73.3549, -8.0745

Protanomaly

71.0400, 59.6333, -40.3771

Deuteranomaly

71.5640, 51.4869, -40.8366

Tritanomaly

71.0790, 36.9361, -40.4113

Monochromacy



Original Color

77.2070, 73.3549, -8.0745

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9760, 26.6338, -2.6100

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2070, 73.3549, -8.0745 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, 53, 226)` looks like.

```
.text, #text, p{  
    color:rgb(68, 53, 226)  
}
```

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, 53, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 53, 226) }
```

Border

The CSS property to change the border of an element to YUV 77.2070, 73.3549, -8.0745 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, 53, 226) }
```


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

```
.border{ border-color:rgb(68, 53, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 53, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 53, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 53, 226);  
box-shadow:4px 4px 4px 4px rgb(68, 53,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 77.2070, 73.3549, -8.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 53, 226) }
```

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

```
.background{ background-color: rgb(68, 53,  
226) }
```

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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