

Converting Colors

YUV(77.8920, -19.6668, 7.9877)

Have a look what the booklet for
YUV(77.8920, -19.6668, 7.9877)
contains.

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Color

**YUV(77.8920, -19.6668,
7.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	575126
RGB	87, 81, 38
RGB Percent	34%, 32%, 15%
CMY	0.6588, 0.6824, 0.8510
CMYK	0.00, 0.07, 0.56, 0.66
HSL	53°, 39%, 25%
HSV	53°, 56%, 34%
XYZ	7.2228, 8.0510, 3.0070
YIQ	77.8920, 17.3790, -12.1010

Conversions

Conversions Part 2

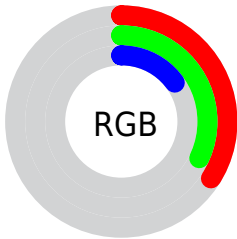
Format	Color
R_YB	45, 87, 38
Decimal	5722406
CIE Lab	34.09, -4.12, 25.91
CIE LCh	34, 26.232, 99.031
Yxy	8.0510, 0.3951, 0.4404
Android (android.graphics.Color)	4283912486 (0xFF575126)
YUV	77.8920, -19.6668, 7.9877
Hunter-Lab	28.3743, -4.2175, 13.5786

Details

The YUV color **77.8920, -19.6668, 7.9877** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **47.1080, 19.6668, -7.9877**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1480, -21.2720, 9.5172**, and **33.9780, -16.7512, 6.1583** is the 20% darker color. If you saturate the color by 10%, you get **76.2790, -23.3085, 9.4023**, and if you desaturate by 10%, it is **79.5050, -16.0250, 6.5731**.

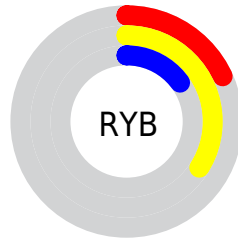
Distribution



Red (34%)

Green (32%)

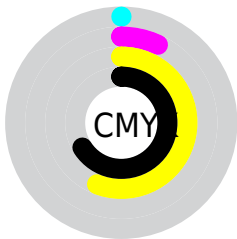
Blue (15%)



Red (18%)

Yellow (34%)

Blue (15%)

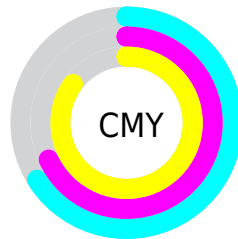


Cyan (0%)

Magenta (7%)

Yellow (56%)

Black (66%)



Cyan (66%)

Magenta (68%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8920, -19.6668, 7.9877 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 77.8920, -19.6668, 7.9877 by changing the saturation by 10% instead.

■ 77.8920, -19.6668,
7.9877

■ 77.8920, -19.6668,
7.9877

■ 255.0000, 0.0000,
0.0000

■ 54.7070, -19.0826,
7.2730

■ 127.1480,
-21.2720, 9.5172

■ 33.9780, -16.7512,
6.1583

■ 153.3330,
-21.8562, 10.2320

■ 12.9800, -6.3991,
-0.8595

■ 180.4040,
-22.8772, 11.0467

■ 0.0000, 0.0000,
0.0000

■ 208.2900,
-23.3140, 11.1467

■ 236.4750,
-23.8982, 11.8614

■ 250.5540,

-17.0351, 3.8991

253.7460, -4.8048,
1.0998

77.8920, -19.6668,
7.9877

77.8920, -19.6668,
7.9877

76.2790, -23.3085,
9.4023

79.5050, -16.0250,
6.5731

74.7800, -26.5135,
10.7169

81.0040, -12.8200,
5.2585

73.1670, -30.1553,
12.1315

82.6170, -9.1782,
3.8439

71.5540, -33.7971,
13.5461

84.2300, -5.5364,
2.4293

70.6250, -34.8181,
14.3609

85.8430, -1.8946,
1.0147

■ 87.3420, 1.3104,
-0.2999

■ 88.9550, 4.9522,
-1.7145

■ 91.1550, 8.3046,
-3.6439

■ 92.6540, 11.5096,
-4.9586

Harmonies

Analogous

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



79.5070, -18.9840, 22.3574



77.8920, -19.6668, 7.9877



75.5630, -14.0816, -10.1408

Triad

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



77.8920, -19.6668, 7.9877



64.9140, 20.2554, -56.9296



82.2880, 6.7600, 25.1804

Complementary

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



77.8920, -19.6668, 7.9877



47.1080, 19.6668, -7.9877

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.



82.0560, 15.2554, 6.9669



77.8920, -19.6668, 7.9877



64.9450, 26.6491, -54.3258

Square

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



77.8920, -19.6668, 7.9877



63.2210, 11.2300, -55.4448



78.0960, 21.1517, -17.6242



81.4110, -3.1606, 33.8426

Rectangle

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



77.8920, -19.6668, 7.9877



72.9080, -7.3496, -22.7213



78.0960, 21.1517, -17.6242



82.3520, 9.6865, 19.8623

Sweetspot

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



77.8920, -19.6668, 7.9877



108.6600, -7.7204, 2.9292



53.4490, -4.1654, 29.4242



54.1590, -4.5154, 1.6146



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8920, -19.6668, 7.9877



98.0530, -30.5921, 12.2315



76.0320, -18.7498, -6.1671



42.5440, -1.7472, 0.3999



87.1710, -42.9753, 17.3900



191.1870, -94.2552, 38.4240

Inverse Universe

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



47.1080, 19.6668, -7.9877



49.9470, 30.5921, -12.2315



48.9680, 18.7498, 6.1671



40.0430, 1.4578, -0.9147



19.8290, 42.9753, -17.3900



43.8130, 94.2552, -38.4240

Previews

White Background



This preview shows how the YUV color 77.8920, -19.6668, 7.9877 looks on a white background.

Color Contrast Check

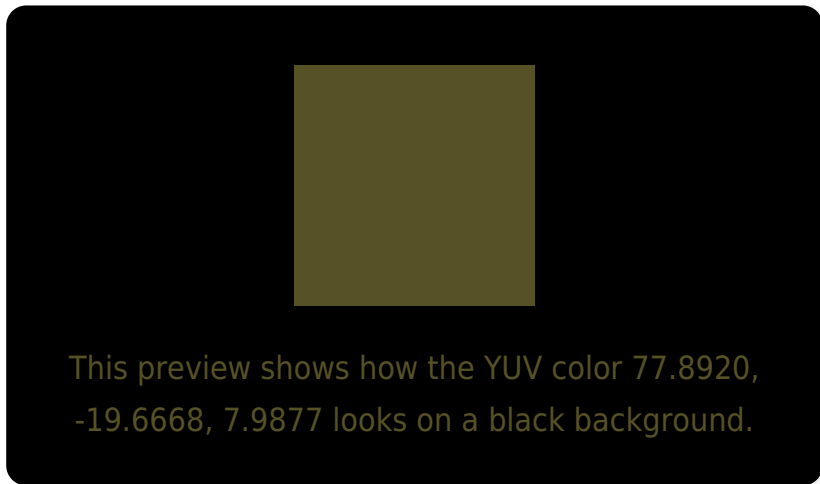
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

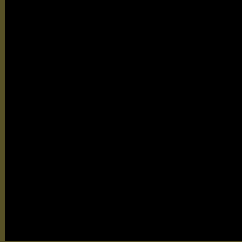
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.8920, -19.6668, 7.9877

Background



This preview shows how black text looks on a background with the YUV color 77.8920, -19.6668, 7.9877.



This preview shows how white text looks on a background with the YUV color 77.8920, -19.6668,

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

77.8920, -19.6668, 7.9877

Protanopia

77.9030, -19.6722, 9.7321

Deuteranopia

78.6590, -19.5519, 17.8391



Tritanopia

81.1690, 0.4097, 8.6218

Trichromacy



Original Color

77.8920, -19.6668, 7.9877

Protanomaly

77.6040, -19.5248, 9.1173

Deuteranomaly

78.6370, -19.5410, 14.3504

Tritanomaly

80.2200, -7.0105, 8.5771

Monochromacy



Original Color

77.8920, -19.6668, 7.9877

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7740, -7.2836, 2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8920, -19.6668, 7.9877 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(87, 81, 38)` looks like.

```
.text, #text, p{  
    color:rgb(87, 81, 38)  
}
```

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(87, 81, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 81, 38) }
```

Border

The CSS property to change the border of an element to YUV 77.8920, -19.6668, 7.9877 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(87, 81, 38) }
```


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

```
.border{ border-color:rgb(87, 81, 38) }
```

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

Here you see how a box with a 4 pixel rgb(87, 81, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 81, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 81, 38);  
box-shadow:4px 4px 4px 4px rgb(87, 81, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.8920, -19.6668, 7.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 81, 38) }
```

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

```
.background{ background-color: rgb(87, 81,  
38) }
```

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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