

Converting Colors

YUV(75.7520, -27.4857, -4.1675)

Have a look what the booklet for
YUV(75.7520, -27.4857, -4.1675)
contains.

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Color

**YUV(75.7520, -27.4857,
-4.1675)**

Conversions

Conversions Part 1

Format	Color
Hex	475914
RGB	71, 89, 20
RGB Percent	28%, 35%, 8%
CMY	0.7216, 0.6510, 0.9216
CMYK	0.20, 0.00, 0.78, 0.65
HSL	76°, 63%, 21%
HSV	76°, 78%, 35%
XYZ	6.2972, 8.5349, 1.9773
YIQ	75.7520, 11.4210, -25.2750

Conversions

Conversions Part 2

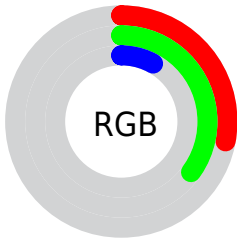
Format	Color
R_{YB}	20, 89, 38
Decimal	4675860
CIE _{Lab}	35.07, -17.82, 35.49
CIE _{LCh}	35, 39.711, 116.666
Yxy	8.5349, 0.3746, 0.5077
Android (android.graphics.Color)	4282865940 (0xFF475914)
YUV	75.7520, -27.4857, -4.1675
Hunter-Lab	29.2145, -12.6497, 16.4372

Details

The YUV color **75.7520, -27.4857, -4.1675** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **33.2480, 27.4857, 4.1675**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8230, -28.5067, -3.3528**, and **32.4170, -15.9816, -7.3817** is the 20% darker color. If you saturate the color by 10%, you get **74.1280, -31.1221, -4.4973**, and if you desaturate by 10%, it is **77.3760, -23.8494, -3.8378**.

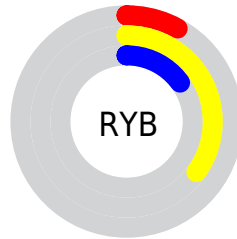
Distribution



Red (28%)

Green (35%)

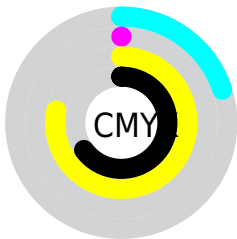
Blue (8%)



Red (8%)

Yellow (35%)

Blue (15%)

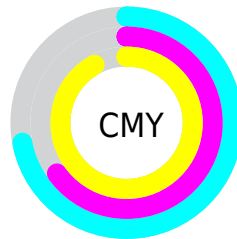


Cyan (20%)

Magenta (0%)

Yellow (78%)

Black (65%)



Cyan (72%)

Magenta (65%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7520, -27.4857, -4.1675 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 75.7520, -27.4857, -4.1675 by changing the saturation by 10% instead.

■ 75.7520, -27.4857,
-4.1675

■ 75.7520, -27.4857,
-4.1675

255.0000, 0.0000,
0.0000

■ 52.7950, -26.0279,
-5.0822

■ 125.8230,
-28.5067, -3.3528

■ 32.4170, -15.9816,
-7.3817

■ 151.7090,
-28.9435, -3.2528

■ 14.6750, -7.2348,
-12.8700

■ 179.0680,
-30.1065, -3.5676


■ 0.0000, 0.0000,
0.0000


■ 206.2530,
-30.6907, -2.8529


■ 235.0250,
-31.5643, -2.6529


■ 248.6160,


-24.4607, 5.5988


 251.8080,
-12.2303, 2.7994


 75.7520, -27.4857,
-4.1675


 75.7520, -27.4857,
-4.1675


 74.1280, -31.1221,
-4.4973


 77.3760, -23.8494,
-3.8378


 72.2050, -34.6111,
-5.4418

 79.2990, -20.3604,
-2.8932

 71.9770, -35.4847,
-5.2418

 80.9230, -16.7240,
-2.5635

 82.5470, -13.0877,
-2.2337

 84.4700, -9.5987,
-1.2892

■ 85.9800, -6.3991,
-0.8595

■ 87.6040, -2.7628,
-0.5297

■ 89.5270, 0.7262,
0.4148

■ 91.1510, 4.3626,
0.7446

Harmonies

Analogous

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



78.8260, -32.9452, 20.3236



75.7520, -27.4857, -4.1675



68.7830, -11.2320, -37.5207

Triad

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



75.7520, -27.4857, -4.1675



70.5680, 31.7650, -61.8881



81.9920, 2.4689, 48.2420

Complementary

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



75.7520, -27.4857, -4.1675



33.2480, 27.4857, 4.1675

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.



84.8290, 16.3533, 28.2140



75.7520, -27.4857, -4.1675



67.7130, 38.5955, -59.3843

Square

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



75.7520, -27.4857, -4.1675



69.4790, 19.9769, -60.9331



83.1820, 27.5183, -6.2986



80.8170, -12.2348, 51.0265

Rectangle

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



75.7520, -27.4857, -4.1675



64.5770, 1.1945, -56.6340



83.1820, 27.5183, -6.2986



83.2240, 7.2846, 43.6536

Sweetspot

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



75.7520, -27.4857, -4.1675



109.8290, -10.7617, -1.6040



50.6100, -15.0907, 33.6680



55.5670, -6.6885, -1.3743



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



75.7520, -27.4857, -4.1675



94.4300, -42.6100, -6.5161



65.5860, -22.4739, -25.0699



42.2450, -1.5998, -0.2149



86.4300, -42.6100, -6.5161



189.6720, -93.5083, -14.6213

Inverse Universe

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



33.2480, 27.4857, 4.1675



28.5700, 42.6100, 6.5161



43.4140, 22.4739, 25.0699



39.7550, 1.5998, 0.2149



20.5700, 42.6100, 6.5161



45.0290, 93.6557, 14.0066

Previews

White Background



This preview shows how the YUV color 75.7520, -27.4857, -4.1675 looks on a white background.

Color Contrast Check

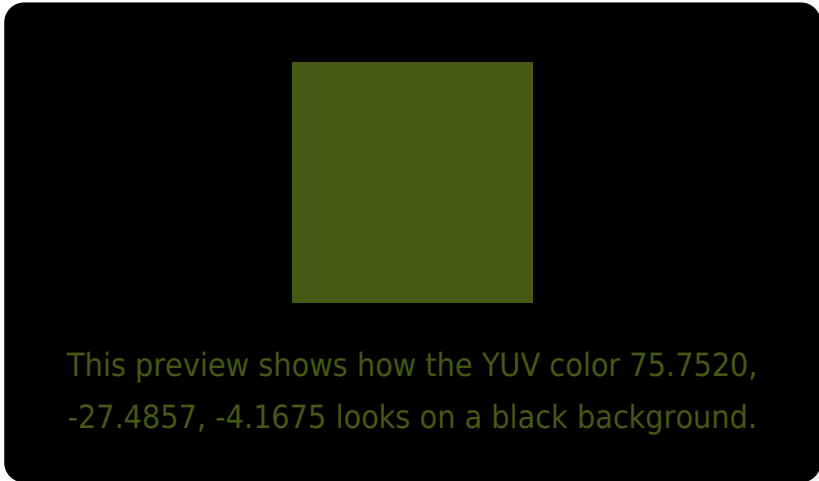
Large Text (above 18pt) WCAG AA ✓ Pass

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

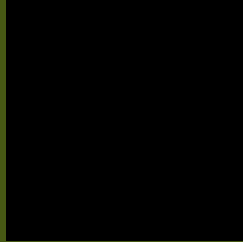
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7520, -27.4857, -4.1675

Background



This preview shows how black text looks on a background with the YUV color 75.7520, -27.4857, -4.1675.



This preview shows how white text looks on a background with the YUV color 75.7520, -27.4857,

-4.1675.

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

75.7520, -27.4857, -4.1675

Protanopia

78.5800, -29.8659, 12.6463

Deuteranopia

79.4330, -26.8355, 20.6683



Tritanopia

82.3030, 3.7946, -3.7737

Trichromacy



Original Color

75.7520, -27.4857, -4.1675

Protanomaly

77.4760, -28.8287, 6.5985

Deuteranomaly

77.9650, -27.0977, 11.4317

Tritanomaly

79.7300, -7.2619, -4.1482

Monochromacy



Original Color

75.7520, -27.4857, -4.1675

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0570, -9.8881, -1.8040

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7520, -27.4857, -4.1675 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(71, 89, 20)` looks like.

```
.text, #text, p{  
    color:rgb(71, 89, 20)  
}
```

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(71, 89, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 89, 20) }
```

Border

The CSS property to change the border of an element to YUV 75.7520, -27.4857, -4.1675 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(71, 89, 20) }
```


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

```
.border{ border-color:rgb(71, 89, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 89, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 89, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 89, 20);  
box-shadow:4px 4px 4px 4px rgb(71, 89, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.7520, -27.4857, -4.1675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 89, 20) }
```

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

```
.background{ background-color: rgb(71, 89,  
20) }
```

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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