

Converting Colors

YUV(70.9520, -10.8223,
-28.8989)

Have a look what the booklet for
YUV(70.9520, -10.8223, -28.8989)
contains.

YUV(70.9520, -10.8223, -28.8989)	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(70.9520, -10.8223,
-28.8989)**

Conversions

Conversions Part 1

Format	Color
Hex	265C31
RGB	38, 92, 49
RGB Percent	15%, 36%, 19%
CMY	0.8510, 0.6392, 0.8078
CMYK	0.59, 0.00, 0.47, 0.64
HSL	132°, 42%, 25%
HSV	132°, 59%, 36%
XYZ	5.1809, 8.2881, 4.2324
YIQ	70.9520, -18.3810, -24.8210

Conversions

Conversions Part 2

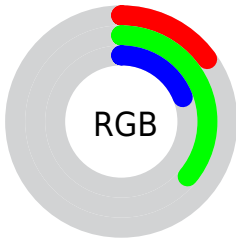
Format	Color
RYB	38, 83, 92
Decimal	2513969
CIELab	34.58, -28.42, 19.45
CIELCh	35, 34.438, 145.613
Yxy	8.2881, 0.2927, 0.4682
Android (android.graphics.Color)	4280704049 (0xFF265C31)
YUV	70.9520, -10.8223, -28.8989
Hunter-Lab	28.7891, -18.2582, 11.4358

Details

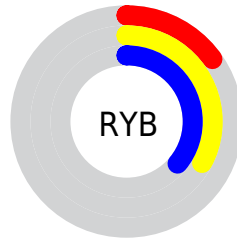
The YUV color **70.9520, -10.8223, -28.8989** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **59.0480, 10.8223, 28.8989**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.1970, -12.4221, -29.1138**, and **26.7570, -11.7122, -23.4659** is the 20% darker color. If you saturate the color by 10%, you get **67.4630, -12.5533, -33.7321**, and if you desaturate by 10%, it is **74.4410, -9.0914, -24.0658**.

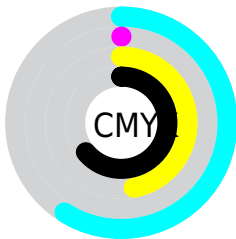
Distribution



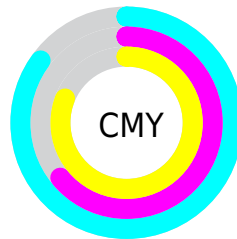
- Red (15%)
- Green (36%)
- Blue (19%)



- Red (15%)
- Yellow (33%)
- Blue (36%)



- Cyan (59%)
- Magenta (0%)
- Yellow (47%)
- Black (64%)



- Cyan (85%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9520, -10.8223, -28.8989 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 70.9520, -10.8223, -28.8989 by changing the saturation by 10% instead.

■ 70.9520, -10.8223,
-28.8989

■ 70.9520, -10.8223,
-28.8989

255.0000, 0.0000,
0.0000

■ 45.9840, -9.3591,
-31.5580

■ 121.1970,
-12.4221, -29.1138

■ 26.7570, -11.7122,
-23.4659

■ 147.6700,
-13.1483, -29.5286

■ 14.6750, -7.2348,
-12.8700

■ 174.2570,
-13.4377, -30.0434

■ 0.0000, 0.0000,
0.0000

■ 201.7300,
-14.1639, -30.4582

■ 230.3170,
-14.4533, -30.9730

■ 242.7670, -6.7871,

-16.4587

254.1030, 0.4422,
-1.8443

■ 70.9520, -10.8223,
-28.8989

■ 70.9520, -10.8223,
-28.8989

■ 67.4630, -12.5533,
-33.7321

■ 74.4410, -9.0914,
-24.0658

■ 63.8600, -14.7210,
-38.4652

■ 78.0440, -6.9237,
-19.3326

■ 60.0720, -16.3045,
-43.9131

■ 81.8320, -5.3402,
-13.8847

■ 56.5830, -18.0354,
-48.7463

■ 85.3210, -3.6093,
-9.0515

■ 56.1700, -18.3248,
-49.2611

■ 88.9240, -1.4415,
-4.3183

■ 92.4130, 0.2894,
0.5148

■ 95.9020, 2.0203,
5.3479

■ 99.8040, 4.0406,
10.6959

■ 103.2930, 5.7716,
15.5290

Harmonies

Analogous

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



76.2020, -23.2706, -2.8082



70.9520, -10.8223, -28.8989



64.4290, 5.7045, -56.5042

Triad

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



70.9520, -10.8223, -28.8989



65.9860, 34.5169, -57.8697



80.5280, -10.6133, 44.2639

Complementary

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



70.9520, -10.8223, -28.8989



59.0480, 10.8223, 28.8989

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.



81.9480, 2.4906, 41.2646



70.9520, -10.8223, -28.8989



82.2700, 24.0239, -5.4988

Square

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



70.9520, -10.8223, -28.8989



68.3680, 28.4126, -59.9587



84.2260, 14.1856, 23.4808



79.9000, -21.6427, 35.1677

Rectangle

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



70.9520, -10.8223, -28.8989



66.5950, 14.0037, -58.4038



84.2260, 14.1856, 23.4808



80.6790, -6.2507, 45.0085

Sweetspot

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



70.9520, -10.8223, -28.8989



111.4840, -4.1826, -11.8255



82.5550, -21.9656, -1.3637



55.8590, -2.8885, -6.8923



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



70.9520, -10.8223, -28.8989



87.2460, -16.8833, -44.9427



74.0300, 0.9712, -31.5983



44.0490, -1.0102, -2.6740



67.0780, -22.2235, -58.8274



144.5910, -47.6194, -126.8063

Inverse Universe

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



59.0480, 10.8223, 28.8989



68.7540, 16.8833, 44.9427



55.9700, -0.9712, 31.5983



42.9510, 1.0102, 2.6740



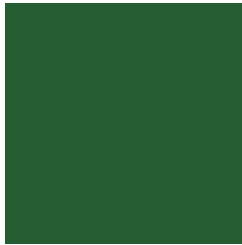
42.8080, 21.7867, 58.9274



92.4090, 47.6194, 126.8063

Previews

White Background



This preview shows how the YUV color 70.9520, -10.8223, -28.8989 looks on a white background.

Color Contrast Check

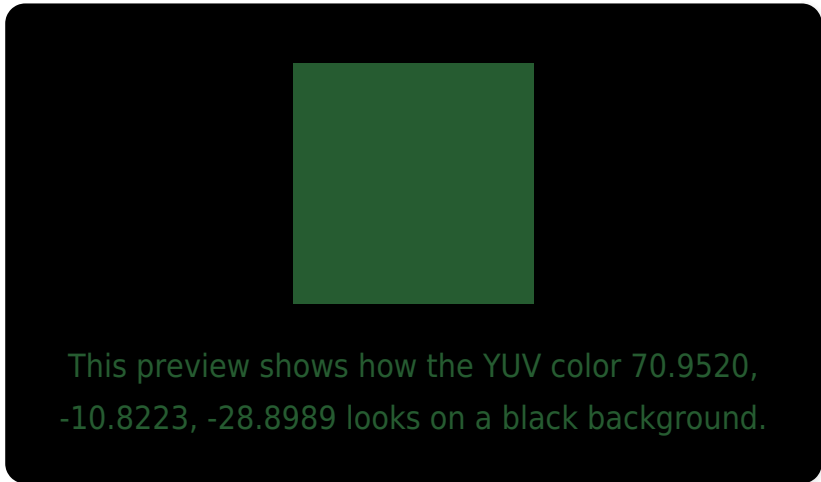
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.9520, -10.8223, -28.8989

Background



This preview shows how black text looks on a background with the YUV color 70.9520, -10.8223, -28.8989.



This preview shows how white text looks on a background with the YUV color 70.9520, -10.8223, -28.8989.

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

70.9520, -10.8223, -28.8989

Protanopia

79.2880, -16.9040, 8.5174

Deuteranopia

80.2440, -13.4313, 14.6950



Tritanopia

76.7350, 8.5116, -23.4466

Trichromacy



Original Color

70.9520, -10.8223, -28.8989

Protanomaly

76.0690, -14.8240, -5.3225

Deuteranomaly

76.7860, -12.2195, -0.6893

Tritanomaly

74.8890, 1.5337, -25.3357

Monochromacy



Original Color

70.9520, -10.8223, -28.8989

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1960, -4.0406, -10.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9520, -10.8223, -28.8989 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(38, 92, 49)` looks like.

```
.text, #text, p{  
    color:rgb(38, 92, 49)  
}
```

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(38, 92, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 92, 49) }
```

Border

The CSS property to change the border of an element to YUV 70.9520, -10.8223, -28.8989 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(38, 92, 49) }
```


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

```
.border{ border-color:rgb(38, 92, 49) }
```

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

Here you see how a box with a 4 pixel rgb(38, 92, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 92, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 92, 49);  
box-shadow:4px 4px 4px 4px rgb(38, 92, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.9520, -10.8223, -28.8989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 92, 49) }
```

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

```
.background{ background-color: rgb(38, 92,  
49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor