

Converting Colors

YUV(70.3180, 61.4682,
-22.2039)

Have a look what the booklet for
YUV(70.3180, 61.4682, -22.2039)
contains.

YUV(70.3180, 61.4682, -22.2039)	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(70.3180, 61.4682,
-22.2039)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3BC3
RGB	45, 59, 195
RGB Percent	18%, 23%, 76%
CMY	0.8235, 0.7686, 0.2353
CMYK	0.77, 0.70, 0.00, 0.24
HSL	234°, 62%, 47%
HSV	234°, 77%, 76%
XYZ	12.4965, 7.6259, 52.4431
YIQ	70.3180, -52.0000, 39.3280

Conversions

Conversions Part 2

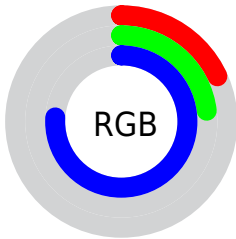
Format	Color
R_{YB}	45, 58, 195
Decimal	2964419
CIE _{Lab}	33.19, 42.21, -71.96
CIE _{LCh}	33, 83.429, 300.397
Yxy	7.6259, 0.1722, 0.1051
Android (android.graphics.Color)	4281154499 (0xFF2D3BC3)
YUV	70.3180, 61.4682, -22.2039
Hunter-Lab	27.6151, 32.4489, -93.2653

Details

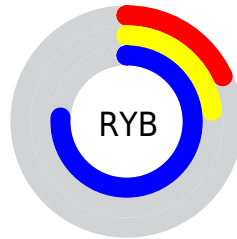
The YUV color **70.3180, 61.4682, -22.2039** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **169.6820, -61.4682, 22.2039**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0360, 62.5933, -9.6786**, and **25.3520, 56.5215, -22.2337** is the 20% darker color. If you saturate the color by 10%, you get **53.7720, 69.6254, -25.2330**, and if you desaturate by 10%, it is **86.8640, 53.3110, -19.1747**.

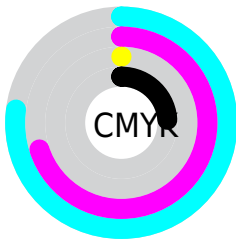
Distribution



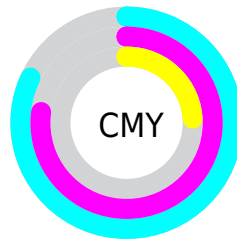
- Red (18%)
- Green (23%)
- Blue (76%)



- Red (18%)
- Yellow (23%)
- Blue (76%)



- Cyan (77%)
- Magenta (70%)
- Yellow (0%)
- Black (24%)



- Cyan (82%)
- Magenta (77%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3180, 61.4682, -22.2039 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 70.3180, 61.4682, -22.2039 by changing the saturation by 10% instead.

■ 70.3180, 61.4682,
-22.2039

■ 70.3180, 61.4682,
-22.2039

■ 255.0000, 0.0000,
0.0000

■ 40.7570, 62.2378,
-35.7439

■ 126.0360, 62.5933,
-9.6786

■ 25.3520, 56.5215,
-22.2337

■ 150.2080, 51.6625,
-3.6904

■ 12.9960, 49.7950,
-11.3975

■ 175.0270, 39.4267,
0.8533

■ 11.7930, 37.5701,
-10.3425

■ 199.8460, 27.1909,
5.3971

■ 11.4050, 25.9293,
-10.0022

■ 225.5510, 14.5184,
10.0408

■ 6.4350, 17.0405,
-5.6435

■ 247.3690, 3.7621,

■ 2.7530, 8.0098,

6.6924

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 70.3180, 61.4682,
-22.2039

■ 70.3180, 61.4682,
-22.2039

■ 53.7720, 69.6254,
-25.2330

■ 86.8640, 53.3110,
-19.1747

■ 38.1120, 77.3458,
-28.1622

■ 102.5240, 45.5907,
-16.2455

■ 32.7960, 79.9666,
-28.7621

■ 119.0700, 37.4335,
-13.2164

■ 135.3170, 29.4237,
-10.8020

■ 151.2760, 21.5559,
-7.2581

■ 167.5230, 13.5462,
-4.8437

■ 184.0690, 5.3890,
-1.8145

■ 199.7290, -2.3314,
1.1147

■ 215.9760,
-10.3412, 3.5290

Harmonies

Analogous

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



76.6390, 67.7190, -67.2124



70.3180, 61.4682, -22.2039



61.9780, 40.9298, 78.9493

Triad

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



70.3180, 61.4682, -22.2039



68.0090, -33.5284, 67.5211



68.0650, 4.4050, -59.6930

Complementary

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



70.3180, 61.4682, -22.2039



169.6820, -61.4682, 22.2039

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.



58.1130, -28.6497, -50.9651



70.3180, 61.4682, -22.2039



73.9030, -36.4342, 19.3791

Square

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



70.3180, 61.4682, -22.2039



54.7470, -19.1023, 107.2159



57.2930, -28.2454, -40.5990



76.8770, 33.0916, -67.4211

Rectangle

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



70.3180, 61.4682, -22.2039



64.8500, 18.3150, 99.2326



57.2930, -28.2454, -40.5990



65.4430, -5.6414, -57.3935

Sweetspot

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



70.3180, 61.4682, -22.2039



204.1340, 23.5979, -8.8875



148.4400, 15.5591, -90.7169



97.8650, 14.8566, -5.1436



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.



70.3180, 61.4682, -22.2039



59.3620, 94.9705, -34.5205



80.0400, 56.6753, 21.8899



88.7270, 4.0786, -1.5146



27.1590, 65.9836, -23.8184



5.5230, 13.5462, -4.8437

Inverse Universe

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



91.4460, -15.9959, 90.8169



91.8760, -24.5889, 140.4287



159.9600, -56.6753, -21.8899



90.1040, -1.0373, 6.0478



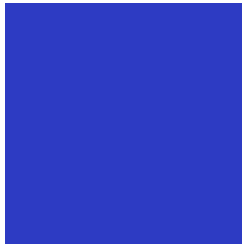
49.8490, -17.1806, 97.4794



10.2090, -3.5540, 19.9877

Previews

White Background



This preview shows how the YUV color 70.3180, 61.4682, -22.2039 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 70.3180, 61.4682, -22.2039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

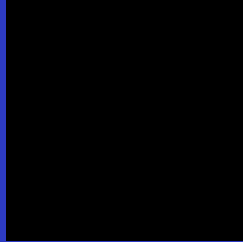
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.3180, 61.4682, -22.2039

Background



This preview shows how black text looks on a background with the YUV color 70.3180, 61.4682, -22.2039.



This preview shows how white text looks on a background with the YUV color 70.3180, 61.4682, -22.2039.

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

70.3180, 61.4682, -22.2039

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

62.3500, 35.8165, -54.6809



Tritanopia

60.8560, 14.8610, -53.3707

Trichromacy



Original Color

70.3180, 61.4682, -22.2039

Protanomaly

64.7810, 52.3660, -42.7809

Deuteranomaly

64.9460, 45.3826, -42.9256

Tritanomaly

64.1020, 31.9947, -42.1855

Monochromacy



Original Color

70.3180, 61.4682, -22.2039

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0910, 22.1401, -7.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3180, 61.4682, -22.2039 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(45, 59, 195)` looks like.

```
.text, #text, p{  
    color:rgb(45, 59, 195)  
}
```

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(45, 59, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 59, 195) }
```

Border

The CSS property to change the border of an element to YUV 70.3180, 61.4682, -22.2039 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(45, 59, 195) }
```


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

```
.border{ border-color:rgb(45, 59, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 59, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 59, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 59, 195);  
box-shadow:4px 4px 4px 4px rgb(45, 59,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 70.3180, 61.4682, -22.2039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 59, 195) }
```

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

```
.background{ background-color: rgb(45, 59,  
195) }
```

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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