

Converting Colors

YUV(69.2800, 62.4730,
-17.7856)

Have a look what the booklet for
YUV(69.2800, 62.4730, -17.7856)
contains.

YUV(69.2800, 62.4730, -17.7856)	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(69.2800, 62.4730,
-17.7856)**

Conversions

Conversions Part 1

Format	Color
Hex	3137C4
RGB	49, 55, 196
RGB Percent	19%, 22%, 77%
CMY	0.8078, 0.7843, 0.2314
CMYK	0.75, 0.72, 0.00, 0.23
HSL	238°, 60%, 48%
HSV	238°, 75%, 77%
XYZ	12.5966, 7.3709, 52.9834
YIQ	69.2800, -48.8370, 42.5790

Conversions

Conversions Part 2

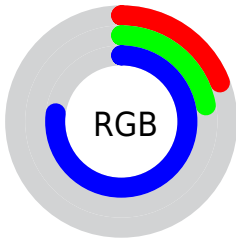
Format	Color
R _Y B	49, 55, 196
Decimal	3225540
CIE Lab	32.64, 45.28, -73.45
CIE LCh	33, 86.289, 301.652
Yxy	7.3709, 0.1727, 0.1010
Android (android.graphics.Color)	4281415620 (0xFF3137C4)
YUV	69.2800, 62.4730, -17.7856
Hunter-Lab	27.1493, 35.3082, -96.7030

Details

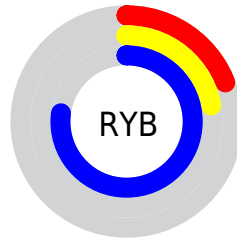
The YUV color **69.2800, 62.4730, -17.7856** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **175.7200, -62.4730, 17.7856**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.6990, 63.7454, -5.8750**, and **22.5310, 58.4052, -19.7597** is the 20% darker color. If you saturate the color by 10%, you get **52.1470, 70.9195, -20.2999**, and if you desaturate by 10%, it is **86.4130, 54.0264, -15.2712**.

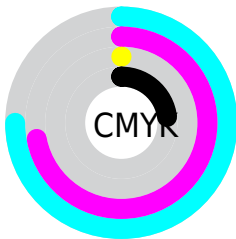
Distribution



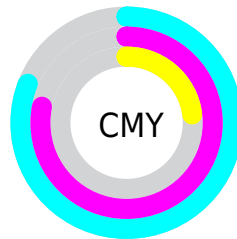
- Red (19%)
- Green (22%)
- Blue (77%)



- Red (19%)
- Yellow (22%)
- Blue (77%)



- Cyan (75%)
- Magenta (72%)
- Yellow (0%)
- Black (23%)



- Cyan (81%)
- Magenta (78%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.2800, 62.4730, -17.7856 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 69.2800, 62.4730, -17.7856 by changing the saturation by 10% instead.

■ 69.2800, 62.4730,
-17.7856

■ 69.2800, 62.4730,
-17.7856

■ 255.0000, 0.0000,
0.0000

■ 37.9360, 64.1216,
-33.2699

■ 124.6990, 63.7454,
-5.8750

■ 22.5310, 58.4052,
-19.7597

■ 149.3440, 52.0884,
-0.3017

■ 12.9960, 49.7950,
-11.3975

■ 173.5760, 40.1420,
4.7568

■ 11.3200, 38.2962,
-9.9276

■ 198.3950, 27.9063,
9.3006

■ 11.4050, 25.9293,
-10.0022

■ 224.1000, 15.2337,
13.9443

■ 6.4350, 17.0405,
-5.6435

■ 245.0210, 4.9196,

■ 2.7530, 8.0098,

8.7516

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 69.2800, 62.4730,
-17.7856

■ 69.2800, 62.4730,
-17.7856

■ 52.1470, 70.9195,
-20.2999

■ 86.4130, 54.0264,
-15.2712

■ 35.3130, 79.2187,
-22.1995

■ 103.2470, 45.7272,
-13.3716

■ 27.0400, 83.2973,
-23.7141

■ 119.7930, 37.5701,
-10.3425

■ 136.6270, 29.2709,
-8.4429

■ 153.7600, 20.8243,
-5.9285

■ 170.8930, 12.3778,
-3.4142

■ 187.7270, 4.0786,
-1.5146

■ 204.2730, -4.0786,
1.5146

■ 221.1070,
-12.3778, 3.4142

Harmonies

Analogous

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



75.8070, 69.6081, -66.4827



69.2800, 62.4730, -17.7856



62.6470, 39.6140, 80.9936

Triad

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



69.2800, 62.4730, -17.7856



66.8240, -32.9442, 66.8064



67.7060, 5.5679, -59.3782

Complementary

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



69.2800, 62.4730, -17.7856



175.7200, -62.4730, 17.7856

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.



57.5260, -28.3603, -50.4503



69.2800, 62.4730, -17.7856



71.8210, -35.4078, 16.8200

Square

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



69.2800, 62.4730, -17.7856



53.9490, -22.1599, 107.9157



53.4170, -26.3346, -46.8467



76.7460, 35.1282, -67.3062

Rectangle

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



69.2800, 62.4730, -17.7856



65.1060, 16.7097, 100.7620



53.4170, -26.3346, -46.8467



64.9700, -4.9152, -56.9787

Sweetspot

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



69.2800, 62.4730, -17.7856



204.4870, 24.9029, -7.4431



151.2490, 18.6112, -89.6724



96.6910, 15.4353, -4.1140



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.



69.2800, 62.4730, -17.7856



57.0900, 97.5696, -28.1429



85.4920, 54.4804, 25.8785



88.7270, 4.0786, -1.5146



22.4630, 68.2987, -19.7001



4.3490, 14.1249, -3.8141

Inverse Universe

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



93.6370, -19.0480, 89.7724



94.9100, -29.5356, 140.3989



159.5080, -54.4804, -25.8785



90.1040, -1.0373, 6.0478



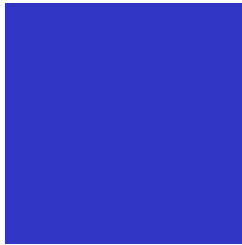
48.9370, -20.6749, 98.2793



9.9810, -4.4276, 20.1877

Previews

White Background



This preview shows how the YUV color 69.2800, 62.4730, -17.7856 looks on a white background.

Color Contrast Check

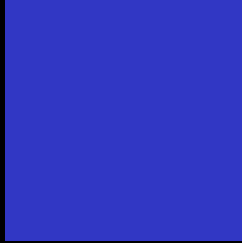
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.2800, 62.4730, -17.7856 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 69.2800, 62.4730, -17.7856

Background



This preview shows how black text looks on a background with the YUV color 69.2800, 62.4730, -17.7856.



This preview shows how white text looks on a background with the YUV color 69.2800, 62.4730,

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

69.2800, 62.4730, -17.7856

Protanopia

61.1080, 46.2888, -53.5917

Deuteranopia

61.5350, 35.2322, -53.9662



Tritanopia

60.1550, 14.7136, -52.7559

Trichromacy



Original Color

69.2800, 62.4730, -17.7856

Protanomaly

64.0910, 52.2131, -40.4218

Deuteranomaly

64.2560, 45.2298, -40.5665

Tritanomaly

63.5260, 32.2787, -39.9263

Monochromacy



Original Color

69.2800, 62.4730, -17.7856

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.2160, 22.5715, -6.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2800, 62.4730, -17.7856 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(49, 55, 196)` looks like.

```
.text, #text, p{  
    color:rgb(49, 55, 196)  
}
```

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(49, 55, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 55, 196) }
```

Border

The CSS property to change the border of an element to YUV 69.2800, 62.4730, -17.7856 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(49, 55, 196) }
```


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

```
.border{ border-color:rgb(49, 55, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 55, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 55, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 55, 196);  
box-shadow:4px 4px 4px 4px rgb(49, 55,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 69.2800, 62.4730, -17.7856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 55, 196) }
```

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

```
.background{ background-color: rgb(49, 55,  
196) }
```

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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