

Converting Colors

YUV(99.7030, 27.2614,
-17.2795)

Have a look what the booklet for
YUV(99.7030, 27.2614, -17.2795)
contains.

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Color

**YUV(99.7030, 27.2614,
-17.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	50639B
RGB	80, 99, 155
RGB Percent	31%, 39%, 61%
CMY	0.6863, 0.6118, 0.3922
CMYK	0.48, 0.36, 0.00, 0.39
HSL	225°, 32%, 46%
HSV	225°, 48%, 61%
XYZ	13.6865, 12.9957, 32.7974
YIQ	99.7030, -29.3000, 13.3880

Conversions

Conversions Part 2

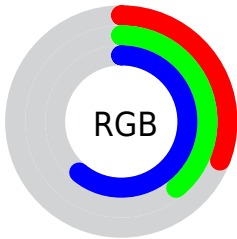
Format	Color
R_{YB}	80, 95, 155
Decimal	5268379
CIE _{Lab}	42.76, 8.81, -32.76
CIE _{LCh}	43, 33.927, 285.052
Yxy	12.9957, 0.2301, 0.2185
Android (android.graphics.Color)	4283458459 (0xFF50639B)
YUV	99.7030, 27.2614, -17.2795
Hunter-Lab	36.0496, 4.6822, -28.7066

Details

The YUV color **99.7030, 27.2614, -17.2795** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.2970, -27.2614, 17.2795**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.7570, 28.7138, -16.4499**, and **50.3280, 25.9673, -22.2127** is the 20% darker color. If you saturate the color by 10%, you get **88.1740, 32.9452, -20.3236**, and if you desaturate by 10%, it is **111.5310, 21.4302, -13.6207**.

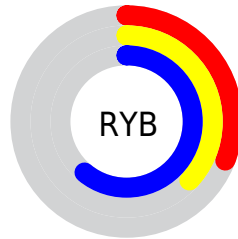
Distribution



Red (31%)

Green (39%)

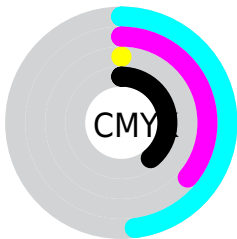
Blue (61%)



Red (31%)

Yellow (37%)

Blue (61%)

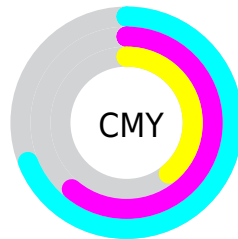


Cyan (48%)

Magenta (36%)

Yellow (0%)

Black (39%)



Cyan (69%)

Magenta (61%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7030, 27.2614, -17.2795 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 99.7030, 27.2614, -17.2795 by changing the saturation by 10% instead.

■ 99.7030, 27.2614,
-17.2795

■ 99.7030, 27.2614,
-17.2795

■ 255.0000, 0.0000,
0.0000

■ 74.8770, 26.6826,
-18.3091

■ 151.7570, 28.7138,
-16.4499

■ 50.3280, 25.9673,
-22.2127

■ 178.2840, 29.4400,
-16.0351

■ 27.7900, 25.2465,
-24.3718

■ 204.4430, 24.9246,
-14.4205

■ 11.0800, 22.1456,
-9.7172

■ 230.1370, 12.2575,
-11.5211

■ 5.0500, 14.2723,
-4.4289

■ 252.3090, 1.3267,
-5.5330

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 99.7030, 27.2614,
-17.2795

■ 99.7030, 27.2614,
-17.2795

■ 88.1740, 32.9452,
-20.3236

■ 111.5310, 21.4302,
-13.6207

■ 76.9330, 38.4870,
-24.4972

■ 122.4730, 16.0358,
-10.0618

■ 65.4040, 44.1708,
-27.5413

■ 134.0020, 10.3520,
-7.0178

■ 54.1630, 49.7126,
-31.7150

■ 145.2430, 4.8102,
-2.8441

■ 42.6340, 55.3964,
-34.7590

■ 156.7720, -0.8736,
0.2000

■ 40.5630, 56.4174,
-35.5738

■ 168.0130, -6.4154,
4.3736

■ 179.8410,
-12.2466, 8.0324

■ 191.3700,
-17.9304, 11.0765

■ 202.6110,
-23.4722, 15.2502

Harmonies

Analogous

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



81.0660, 36.4495, -71.0949



99.7030, 27.2614, -17.2795



103.9090, 18.2859, 14.9888

Triad

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



99.7030, 27.2614, -17.2795



100.4430, -18.4594, 40.8305



84.4960, 0.7415, -51.3010

Complementary

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



99.7030, 27.2614, -17.2795



135.2970, -27.2614, 17.2795

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.



93.8240, -16.6752, -18.2626



99.7030, 27.2614, -17.2795



99.2920, -26.2730, 26.9309

Square

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



99.7030, 27.2614, -17.2795



101.8640, -6.8350, 45.7233



97.2740, -25.7711, 5.8987



80.6150, 16.9518, -70.6994

Rectangle

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



99.7030, 27.2614, -17.2795



103.9450, 10.3801, 30.7432



97.2740, -25.7711, 5.8987



88.7490, -6.2853, -37.4909

Sweetspot

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



99.7030, 27.2614, -17.2795



179.1160, 10.7888, -7.1177



130.2950, 2.3196, -44.1087



88.4000, 6.7048, -3.8588



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



99.7030, 27.2614, -17.2795



115.2470, 42.2762, -26.5266



93.9320, 30.1065, 3.5676



71.0860, 2.9156, -1.8294



37.0920, 50.7336, -32.5297



3.2430, 4.8102, -2.8441

Inverse Universe

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



104.5910, -2.7564, 44.2087



122.9900, -4.4321, 68.4148



141.3670, -30.2539, -2.9529



71.6200, -0.3057, 4.7183



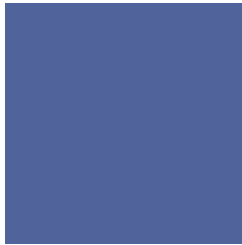
45.9640, -4.9123, 82.4696



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 99.7030, 27.2614, -17.2795 looks on a white background.

Color Contrast Check

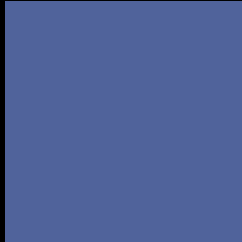
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 99.7030, 27.2614, -17.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

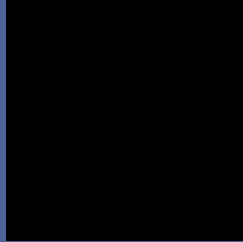
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

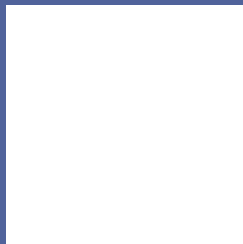
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 99.7030, 27.2614, -17.2795

Background



This preview shows how black text looks on a background with the YUV color 99.7030, 27.2614, -17.2795.



This preview shows how white text looks on a background with the YUV color 99.7030, 27.2614,

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

99.7030, 27.2614, -17.2795

Protanopia

100.0020, 27.1140, -16.6648

Deuteranopia

98.4960, 27.8565, -21.4830



Tritanopia

96.3650, 9.6801, -24.8761

Trichromacy



Original Color

99.7030, 27.2614, -17.2795

Protanomaly

100.0020, 27.1140, -16.6648

Deuteranomaly

99.0940, 27.5617, -20.2534

Tritanomaly

97.3960, 16.0738, -22.2723

Monochromacy



Original Color

99.7030, 27.2614, -17.2795

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1870, 9.7678, -6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7030, 27.2614, -17.2795 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(80, 99, 155)` looks like.

```
.text, #text, p{  
    color:rgb(80, 99, 155)  
}
```

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(80, 99, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 99, 155) }
```

Border

The CSS property to change the border of an element to YUV 99.7030, 27.2614, -17.2795 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(80, 99, 155) }
```


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

```
.border{ border-color:rgb(80, 99, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 99, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 99, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 99, 155);  
box-shadow:4px 4px 4px 4px rgb(80, 99,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 99.7030, 27.2614, -17.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 99, 155) }
```

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

```
.background{ background-color: rgb(80, 99,  
155) }
```

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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