

Converting Colors

YUV(127.0700, 13.7695,
-29.8794)

Have a look what the booklet for
YUV(127.0700, 13.7695, -29.8794)
contains.

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Color

**YUV(127.0700, 13.7695,
-29.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8B9B
RGB	93, 139, 155
RGB Percent	36%, 55%, 61%
CMY	0.6353, 0.4549, 0.3922
CMYK	0.40, 0.10, 0.00, 0.39
HSL	195°, 25%, 49%
HSV	195°, 40%, 61%
XYZ	19.6632, 23.1590, 34.4441
YIQ	127.0700, -32.5520, -4.7760

Conversions

Conversions Part 2

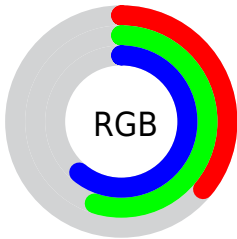
Format	Color
R_{YB}	93, 119, 155
Decimal	6130587
CIE _{Lab}	55.24, -11.33, -13.45
CIE _{LCh}	55, 17.592, 229.889
Yxy	23.1590, 0.2545, 0.2997
Android (android.graphics.Color)	4284320667 (0xFF5D8B9B)
YUV	127.0700, 13.7695, -29.8794
Hunter-Lab	48.1237, -11.2820, -8.7496

Details

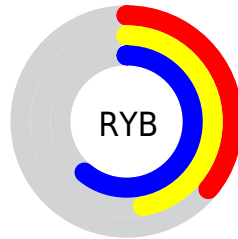
The YUV color **127.0700, 13.7695, -29.8794** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **120.9300, -13.7695, 29.8794**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7710, 13.9169, -30.4942**, and **76.3580, 13.6275, -31.0090** is the 20% darker color. If you saturate the color by 10%, you get **120.2370, 17.1382, -37.0418**, and if you desaturate by 10%, it is **133.9030, 10.4008, -22.7169**.

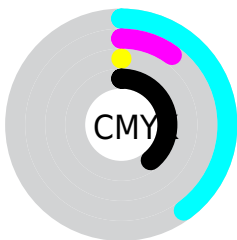
Distribution



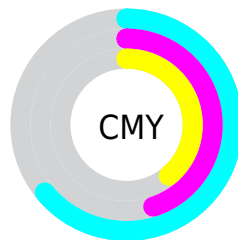
- Red (36%)
- Green (55%)
- Blue (61%)



- Red (36%)
- Yellow (47%)
- Blue (61%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0700, 13.7695, -29.8794 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 127.0700, 13.7695, -29.8794 by changing the saturation by 10% instead.

■ 127.0700, 13.7695,
-29.8794

■ 127.0700, 13.7695,
-29.8794

■ 255.0000, 0.0000,
0.0000

■ 101.6570, 13.4801,
-30.3942

■ 180.7710, 13.9169,
-30.4942

■ 76.3580, 13.6275,
-31.0090

■ 207.9990, 14.7905,
-30.6941

■ 51.1510, 14.2226,
-35.2124

■ 235.3320, 9.6963,
-30.1092

■ 31.7390, 12.4537,
-27.8351

■ 247.5250, 3.6852,
-15.3694

■ 18.0780, 8.3425,
-15.8544

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 127.0700, 13.7695,
-29.8794

■ 127.0700, 13.7695,
-29.8794

■ 120.2370, 17.1382,
-37.0418

■ 133.9030, 10.4008,
-22.7169

■ 113.1050, 20.6542,
-44.8191

■ 141.0350, 6.8847,
-14.9397

■ 106.2720, 24.0229,
-51.9815

■ 147.8680, 3.5161,
-7.7772

■ 99.1400, 27.5390,
-59.7588

■ 155.0000, 0.0000,
0.0000

■ 92.0080, 31.0551,
-67.5360

■ 162.1320, -3.5161,
7.7772

■ 85.1750, 34.4237,
-74.6985

■ 168.9650, -6.8847,
14.9397

■ 176.0970,
-10.4008, 22.7169

■ 182.9300,
-13.7695, 29.8794

■ 189.7630,
-17.1382, 37.0418

Harmonies

Analogous

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



125.8650, 7.9546, -31.4536



127.0700, 13.7695, -29.8794



130.0050, 15.7735, -19.2984

Triad

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



127.0700, 13.7695, -29.8794



135.1860, 1.3873, 21.7619



130.1670, -13.3933, 2.4845

Complementary

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



127.0700, 13.7695, -29.8794



120.9300, -13.7695, 29.8794

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.



132.0160, -14.3049, 14.8950



127.0700, 13.7695, -29.8794



134.6720, -5.7543, 25.7207

Square

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



127.0700, 13.7695, -29.8794



134.6560, 8.5506, 10.8257



133.7550, -11.7112, 23.0169



128.4580, -8.1138, -10.9257

Rectangle

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



127.0700, 13.7695, -29.8794



132.1310, 14.7254, -9.7619



133.7550, -11.7112, 23.0169



131.2600, -14.4252, 6.7880

Sweetspot

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



127.0700, 13.7695, -29.8794



190.3020, 5.2741, -11.6659



131.1040, -11.3903, -33.4172



95.4660, 3.2213, -6.5477



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.



127.0700, 13.7695, -29.8794



157.6210, 21.3858, -46.1486



108.8730, 22.7406, -13.9206



73.4340, 1.7580, -3.8886



77.0080, 31.0551, -67.5360



6.7650, 3.0739, -5.9329

Inverse Universe

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



116.7820, 10.9535, 33.5172



141.7980, 16.8616, 51.9202



138.5400, -22.4512, 14.4354



72.0760, 1.4415, 4.3183



53.7160, 24.7900, 75.6711



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 127.0700, 13.7695, -29.8794 looks on a white background.

Color Contrast Check

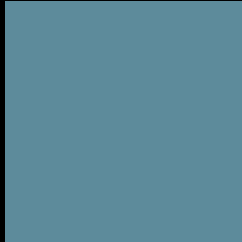
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 127.0700, 13.7695, -29.8794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

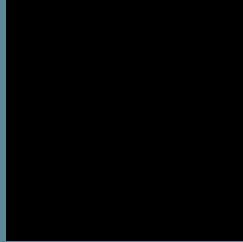
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.0700, 13.7695, -29.8794 Background



This preview shows how black text looks on a background with the YUV color 127.0700, 13.7695, -29.8794.



This preview shows how white text looks on a background with the YUV color 127.0700, 13.7695, -29.8794.

-29.8794.

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

127.0700, 13.7695, -29.8794

Protanopia

132.5680, 8.5940, -3.1291

Deuteranopia

133.0890, 11.7881, -0.9551



Tritanopia

126.9020, 11.8803, -30.6091

Trichromacy



Original Color

127.0700, 13.7695, -29.8794

Protanomaly

130.6700, 10.5157, -12.8656

Deuteranomaly

131.1370, 12.2575, -11.5211

Tritanomaly

127.0160, 12.3171, -30.7090

Monochromacy



Original Color

127.0700, 13.7695, -29.8794

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9000, 4.9793, -10.4363

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0700, 13.7695, -29.8794 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(93, 139, 155)` looks like.

```
.text, #text, p{  
    color:rgb(93, 139, 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(93, 139, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 139, 155) }
```

Border

The CSS property to change the border of an element to YUV 127.0700, 13.7695, -29.8794 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(93, 139, 155) }
```


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

```
.border{ border-color:rgb(93, 139, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 139, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 139, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 139, 155);  
box-shadow:4px 4px 4px 4px rgb(93, 139,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 127.0700, 13.7695, -29.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 139, 155) }
```

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

```
.background{ background-color: rgb(93, 139,  
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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