

Converting Colors

YUV(127.5670, 30.2865,
-7.5133)

Have a look what the booklet for
YUV(127.5670, 30.2865, -7.5133)
contains.

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Color

**YUV(127.5670, 30.2865,
-7.5133)**

Conversions

Conversions Part 1

Format	Color
Hex	7778BD
RGB	119, 120, 189
RGB Percent	47%, 47%, 74%
CMY	0.5333, 0.5294, 0.2588
CMYK	0.37, 0.37, 0.00, 0.26
HSL	239°, 35%, 60%
HSV	239°, 37%, 74%
XYZ	23.5095, 21.0290, 50.9640
YIQ	127.5670, -22.7450, 21.2470

Conversions

Conversions Part 2

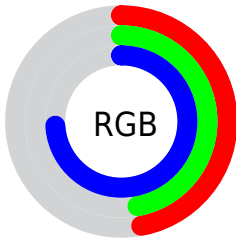
Format	Color
R_{YB}	119, 120, 189
Decimal	7829693
CIE _{Lab}	52.98, 16.53, -36.35
CIE _{LCh}	53, 39.934, 294.451
Yxy	21.0290, 0.2462, 0.2202
Android (android.graphics.Color)	4286019773 (0xFF7778BD)
YUV	127.5670, 30.2865, -7.5133
Hunter-Lab	45.8574, 11.2605, -33.7923

Details

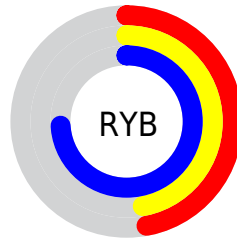
The YUV color **127.5670, 30.2865, -7.5133** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **180.4330, -30.2865, 7.5133**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7350, 32.1756, -6.7836**, and **77.6870, 28.2553, -9.3725** is the 20% darker color. If you saturate the color by 10%, you get **110.7330, 38.5856, -9.4128**, and if you desaturate by 10%, it is **144.4010, 21.9873, -5.6137**.

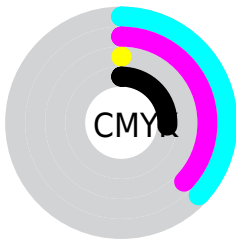
Distribution



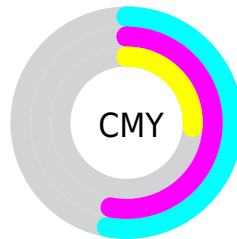
- Red (47%)
- Green (47%)
- Blue (74%)



- Red (47%)
- Yellow (47%)
- Blue (74%)



- Cyan (37%)
- Magenta (37%)
- Yellow (0%)
- Black (26%)



- Cyan (53%)
- Magenta (53%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5670, 30.2865, -7.5133 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 127.5670, 30.2865, -7.5133 by changing the saturation by 10% instead.

■ 127.5670, 30.2865,
-7.5133

■ 127.5670, 30.2865,
-7.5133

■ 255.0000, 0.0000,
0.0000

■ 102.0400, 29.5603,
-7.9281

■ 180.7350, 32.1756,
-6.7836

■ 77.6870, 28.2553,
-9.3725

■ 206.2810, 24.0185,
-3.7544

■ 53.2630, 27.9713,
-11.6317

■ 231.6760, 11.4987,
-1.4699

■ 28.8060, 27.7036,
-19.1239

■ 9.3020, 25.4871,
-8.1579

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 127.5670, 30.2865,
-7.5133

■ 127.5670, 30.2865,
-7.5133

■ 110.7330, 38.5856,
-9.4128

■ 144.4010, 21.9873,
-5.6137

■ 94.4860, 46.5954,
-11.8272

■ 160.6480, 13.9775,
-3.1993

■ 77.6520, 54.8946,
-13.7268

■ 177.4820, 5.6784,
-1.2997

■ 60.8180, 63.1937,
-15.6264

■ 194.3160, -2.6208,
0.5999

■ 44.8700, 71.0561,
-17.4260

■ 210.5630,
-10.6306, 3.0142

■ 28.0360, 79.3553,
-19.3256

■ 227.0980,
-18.7823, 4.2991

■ 23.3070, 81.6866,
-20.4402

■ 243.3450,
-26.7921, 6.7134

■ 247.4760,
-28.8287, 6.5985

Harmonies

Analogous

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



113.6530, 39.6111, -58.4547



127.5670, 30.2865, -7.5133



130.5840, 17.9531, 28.4288

Triad

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



127.5670, 30.2865, -7.5133



126.0000, -26.6220, 45.6040



98.0940, 10.3067, -86.0284

Complementary

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



127.5670, 30.2865, -7.5133



180.4330, -30.2865, 7.5133

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.



114.8930, -14.7372, -33.2322



127.5670, 30.2865, -7.5133



123.7450, -33.3983, 25.6566

Square

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



127.5670, 30.2865, -7.5133



127.2090, -13.4140, 55.9447



120.7200, -28.9490, -1.5084



102.0840, 25.5946, -89.5277

Rectangle

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



127.5670, 30.2865, -7.5133



129.4630, 8.1527, 45.1979



120.7200, -28.9490, -1.5084



107.2020, -0.0996, -61.5672

Sweetspot

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



127.5670, 30.2865, -7.5133



221.0780, 11.7935, -2.6994



167.9560, 9.8817, -42.9344



108.4110, 6.6994, -2.1144



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



127.5670, 30.2865, -7.5133



150.4860, 46.5954, -11.8272



137.1460, 25.5640, 13.9040



86.0260, 3.9312, -0.8998



19.1860, 68.4353, -16.8261



3.5340, 13.5407, -3.0993

Inverse Universe

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



140.0440, -9.8817, 42.9344



169.5200, -15.0464, 66.1960



170.8540, -25.5640, -13.9040



87.6910, -1.3267, 5.5330



47.4700, -22.4167, 96.9348



9.2690, -4.5696, 19.0581

Previews

White Background



This preview shows how the YUV color 127.5670, 30.2865, -7.5133 looks on a white background.

Color Contrast Check

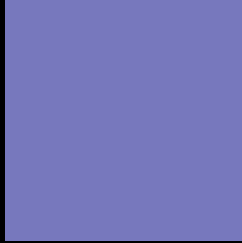
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.5670, 30.2865, -7.5133 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 127.5670, 30.2865, -7.5133

Background



This preview shows how black text looks on a background with the YUV color 127.5670, 30.2865, -7.5133.



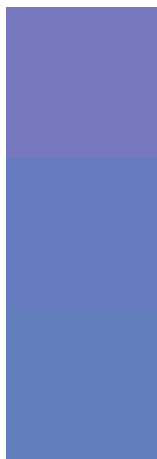
This preview shows how white text looks on a background with the YUV color 127.5670, 30.2865, -7.5133.

-7.5133.

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

127.5670, 30.2865, -7.5133

Protanopia

125.1740, 32.9452, -20.3236

Deuteranopia

124.9950, 31.0615, -22.7976



Tritanopia

124.5620, 7.6109, -14.5249

Trichromacy



Original Color

127.5670, 30.2865, -7.5133

Protanomaly

126.2670, 31.9134, -16.0202

Deuteranomaly

125.9140, 30.6084, -17.4646

Tritanomaly

125.4620, 16.0412, -11.8062

Monochromacy



Original Color

127.5670, 30.2865, -7.5133

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8500, 10.9200, -2.4994

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5670, 30.2865, -7.5133 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(119, 120, 189)` looks like.

```
.text, #text, p{  
    color:rgb(119, 120, 189)  
}
```

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(119, 120, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 120, 189) }
```

Border

The CSS property to change the border of an element to YUV 127.5670, 30.2865, -7.5133 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(119, 120, 189) }
```


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

```
.border{ border-color:rgb(119, 120, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 120, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 120, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 120, 189); box-shadow:4px 4px 4px 4px rgb(119, 120, 189) }
```

Background

The CSS property to change the background color of an element to YUV 127.5670, 30.2865, -7.5133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 120, 189) }
```

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

```
.background{ background-color: rgb(119,  
120, 189) }
```

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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