

Converting Colors

YUV(129.7480, 18.8582,
-28.7200)

Have a look what the booklet for
YUV(129.7480, 18.8582, -28.7200)
contains.

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Color

**YUV(129.7480, 18.8582,
-28.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	618BA8
RGB	97, 139, 168
RGB Percent	38%, 55%, 66%
CMY	0.6196, 0.4549, 0.3412
CMYK	0.42, 0.17, 0.00, 0.34
HSL	205°, 29%, 52%
HSV	205°, 42%, 66%
XYZ	21.2303, 23.8338, 40.5272
YIQ	129.7480, -34.3410, 0.1150

Conversions

Conversions Part 2

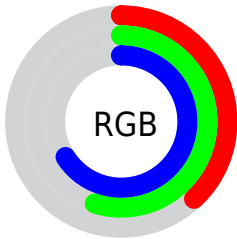
Format	Color
R _Y B	97, 123, 168
Decimal	6392744
CIE Lab	55.92, -6.63, -19.86
CIE LCh	56, 20.942, 251.538
Yxy	23.8338, 0.2480, 0.2785
Android (android.graphics.Color)	4284582824 (0xFF618BA8)
YUV	129.7480, 18.8582, -28.7200
Hunter-Lab	48.8199, -7.8105, -15.0450

Details

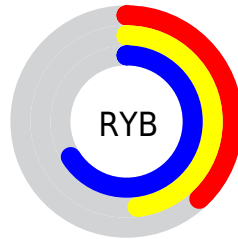
The YUV color $129.7480, 18.8582, -28.7200$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $135.2520, -18.8582, 28.7200$, and the grayscale version is $130.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.9760, 19.7318, -28.9200$, and $78.6230, 18.4269, -30.3644$ is the 20% darker color. If you saturate the color by 10%, you get $120.5560, 23.3899, -35.5676$, and if you desaturate by 10%, it is $138.9400, 14.3266, -21.8724$.

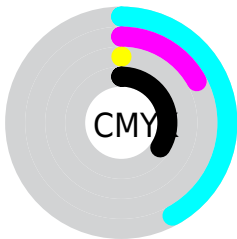
Distribution



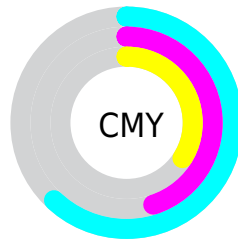
- Red (38%)
- Green (55%)
- Blue (66%)



- Red (38%)
- Yellow (48%)
- Blue (66%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (62%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7480, 18.8582, -28.7200 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 129.7480, 18.8582, -28.7200 by changing the saturation by 10% instead.

■ 129.7480, 18.8582,
-28.7200

■ 129.7480, 18.8582,
-28.7200

■ 255.0000, 0.0000,
0.0000

■ 104.3350, 18.5688,
-29.2348

■ 182.9760, 19.7318,
-28.9200

■ 78.6230, 18.4269,
-30.3644

■ 211.0900, 20.1686,
-29.0199

■ 53.3020, 18.5851,
-34.4679

■ 236.8270, 8.9593,
-27.0353

■ 33.5800, 16.9691,
-29.4497

■ 249.0200, 2.9481,
-12.2955

■ 19.2180, 12.7105,
-16.8542

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 129.7480, 18.8582,
-28.7200

■ 129.7480, 18.8582,
-28.7200

■ 120.5560, 23.3899,
-35.5676

■ 138.9400, 14.3266,
-21.8724

■ 111.3640, 27.9215,
-42.4152

■ 148.1320, 9.7949,
-15.0248

■ 102.4710, 32.3058,
-48.6481

■ 157.0250, 5.4107,
-8.7919

■ 93.8660, 36.5481,
-56.0105

■ 165.6300, 1.1684,
-1.4295

■ 84.6740, 41.0797,
-62.8581

■ 174.8220, -3.3632,
5.4181

■ 77.2650, 44.7324,
-67.7614

■ 184.0140, -7.8949,
12.2657

■ 193.2060,
-12.4266, 19.1133

■ 202.0990,
-16.8108, 25.3462

■ 211.2910,
-21.3425, 32.1938

Harmonies

Analogous

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



126.3570, 15.1070, -38.9011



129.7480, 18.8582, -28.7200



133.8150, 17.3462, -10.3618

Triad

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



129.7480, 18.8582, -28.7200



136.7480, -4.3128, 30.0390



130.1440, -11.9030, -8.8963

Complementary

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



129.7480, 18.8582, -28.7200



135.2520, -18.8582, 28.7200

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.



132.2770, -16.8986, 6.7731



129.7480, 18.8582, -28.7200



135.9730, -12.3117, 28.9647

Square

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



129.7480, 18.8582, -28.7200



136.9950, 4.4395, 22.8064



134.0660, -16.7945, 20.1131



127.4500, -2.6868, -24.9506

Rectangle

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



129.7480, 18.8582, -28.7200



135.7950, 14.3981, 1.9338



134.0660, -16.7945, 20.1131



131.3080, -13.9558, -3.7781

Sweetspot

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



129.7480, 18.8582, -28.7200



204.1710, 7.3107, -11.5510



141.8690, -8.3164, -39.3501



99.9220, 4.9685, -6.9476



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



129.7480, 18.8582, -28.7200



159.0970, 29.5322, -45.6891



109.2030, 28.9869, -10.7020



79.8470, 2.0474, -3.3738



67.9410, 39.4691, -59.5843



9.3240, 5.2633, -8.1771

Inverse Universe

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



123.0170, 7.8796, 39.4501



148.1260, 12.7559, 62.1565



155.7970, -28.9869, 10.7020



78.9620, 1.0047, 4.4183



54.1700, 16.1852, 82.2889



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 129.7480, 18.8582, -28.7200 looks on a white background.

Color Contrast Check

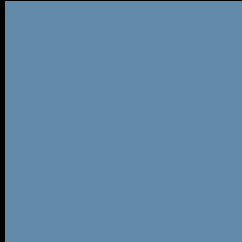
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.7480, 18.8582, -28.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

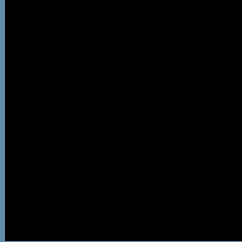
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.7480, 18.8582, -28.7200

Background



This preview shows how black text looks on a background with the YUV color 129.7480, 18.8582, -28.7200.



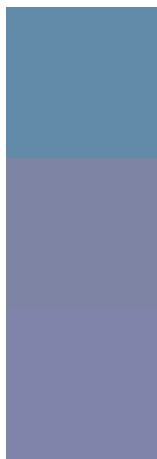
This preview shows how white text looks on a background with the YUV color 129.7480, 18.8582, -28.7200.

-28.7200.

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

129.7480, 18.8582, -28.7200

Protanopia

133.7400, 14.4252, -6.7880

Deuteranopia

134.5490, 17.4773, -5.7435



Tritanopia

128.6030, 12.0277, -31.2238

Trichromacy



Original Color

129.7480, 18.8582, -28.7200

Protanomaly

132.4400, 16.0521, -15.2949

Deuteranomaly

132.9070, 17.7938, -13.9504

Tritanomaly

128.8850, 14.3537, -30.5941

Monochromacy



Original Color

129.7480, 18.8582, -28.7200

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.7690, 7.0159, -10.3214

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7480, 18.8582, -28.7200 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(97, 139, 168)` looks like.

```
.text, #text, p{  
    color:rgb(97, 139, 168)  
}
```

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(97, 139, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 139, 168) }
```

Border

The CSS property to change the border of an element to YUV 129.7480, 18.8582, -28.7200 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(97, 139, 168) }
```


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

```
.border{ border-color:rgb(97, 139, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 139, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 139, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 139, 168);  
box-shadow:4px 4px 4px 4px rgb(97, 139,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 129.7480, 18.8582, -28.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 139, 168) }
```

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

```
.background{ background-color: rgb(97, 139,  
168) }
```

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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