

Converting Colors

YUV(127.0680, 27.0815,
-6.1986)

Have a look what the booklet for
YUV(127.0680, 27.0815, -6.1986)
contains.

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Color

**YUV(127.0680, 27.0815,
-6.1986)**

Conversions

Conversions Part 1

Format	Color
Hex	7878B6
RGB	120, 120, 182
RGB Percent	47%, 47%, 71%
CMY	0.5294, 0.5294, 0.2863
CMYK	0.34, 0.34, 0.00, 0.29
HSL	240°, 30%, 59%
HSV	240°, 34%, 71%
XYZ	22.9057, 20.8034, 47.0642
YIQ	127.0680, -19.9020, 19.2820

Conversions

Conversions Part 2

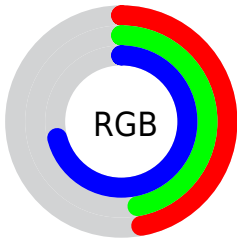
Format	Color
R _Y B	120, 120, 182
Decimal	7895222
CIE Lab	52.73, 14.89, -32.71
CIE LCh	53, 35.940, 294.467
Yxy	20.8034, 0.2523, 0.2292
Android (android.graphics.Color)	4286085302 (0xFF7878B6)
YUV	127.0680, 27.0815, -6.1986
Hunter-Lab	45.6108, 9.8238, -29.2518

Details

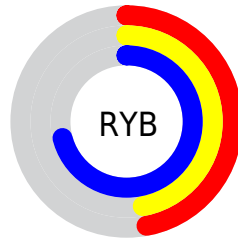
The YUV color **127.0680, 27.0815, -6.1986** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **174.9320, -27.0815, 6.1986**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1220, 28.5339, -5.3690**, and **77.3020, 25.4871, -8.1579** is the 20% darker color. If you saturate the color by 10%, you get **111.1200, 34.9438, -7.9982**, and if you desaturate by 10%, it is **143.0160, 19.2191, -4.3990**.

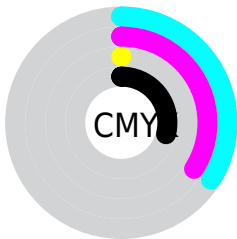
Distribution



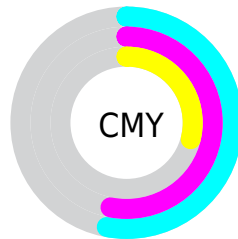
- Red (47%)
- Green (47%)
- Blue (71%)



- Red (47%)
- Yellow (47%)
- Blue (71%)



- Cyan (34%)
- Magenta (34%)
- Yellow (0%)
- Black (29%)



- Cyan (53%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0680, 27.0815, -6.1986 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 127.0680, 27.0815, -6.1986 by changing the saturation by 10% instead.

■ 127.0680, 27.0815,
-6.1986

■ 127.0680, 27.0815,
-6.1986

■ 255.0000, 0.0000,
0.0000

■ 101.5410, 26.3553,
-6.6135

■ 180.1220, 28.5339,
-5.3690

■ 77.3020, 25.4871,
-8.1579

■ 206.2810, 24.0185,
-3.7544

■ 53.3620, 24.4715,
-9.0875

■ 231.9750, 11.3513,
-0.8551

■ 30.5140, 23.9036,
-13.6058

■ 8.1450, 23.5925,
-7.1432

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 127.0680, 27.0815,
-6.1986

■ 127.0680, 27.0815,
-6.1986

■ 111.1200, 34.9438,
-7.9982

■ 143.0160, 19.2191,
-4.3990

■ 95.1720, 42.8062,
-9.7978

■ 158.9640, 11.3567,
-2.5994

■ 78.3380, 51.1054,
-11.6974

■ 175.7980, 3.0576,
-0.6998

■ 62.3900, 58.9677,
-13.4970

■ 191.7460, -4.8048,
1.0998

■ 46.4420, 66.8301,
-15.2966

■ 207.6940,
-12.6671, 2.8994

■ 30.4940, 74.6925,
-17.0962

■ 223.6420,
-20.5295, 4.6990

■ 20.7480, 79.4972,
-18.1960

■ 239.5900,
-28.3919, 6.4986

■ 246.6780,
-31.8863, 7.2984

Harmonies

Analogous

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



117.0520, 34.4844, -47.4036



127.0680, 27.0815, -6.1986



129.4050, 16.0693, 25.9548

Triad

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



127.0680, 27.0815, -6.1986



125.6620, -23.9904, 41.5154



105.5910, 6.6106, -67.1703

Complementary

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



127.0680, 27.0815, -6.1986



174.9320, -27.0815, 6.1986

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.



115.9690, -13.2957, -28.9138



127.0680, 27.0815, -6.1986



123.6460, -29.8985, 23.1125

Square

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



127.0680, 27.0815, -6.1986



126.5180, -12.0874, 50.4117



121.1160, -26.1862, -0.9787



100.4540, 24.4262, -88.0982

Rectangle

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



127.0680, 27.0815, -6.1986



129.0880, 6.8586, 40.2648



121.1160, -26.1862, -0.9787



110.6270, -1.2951, -51.4159

Sweetspot

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



127.0680, 27.0815, -6.1986



215.7360, 10.4832, -2.3995



163.4620, 9.1392, -38.1162



106.7100, 6.5520, -1.4997



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



127.0680, 27.0815, -6.1986



151.0580, 42.3694, -9.6979



136.3370, 22.5119, 12.8595



84.0260, 3.9312, -0.8998



17.7840, 68.1405, -15.5966



3.1920, 12.2303, -2.7994

Inverse Universe

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



145.6060, 17.9422, 31.9175



180.0610, 28.0709, 49.9355



165.6630, -22.5119, -12.8595



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 127.0680, 27.0815, -6.1986 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 127.0680, 27.0815, -6.1986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

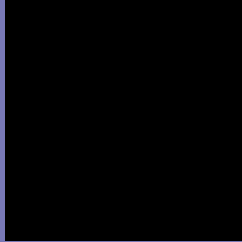
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.0680, 27.0815, -6.1986

Background



This preview shows how black text looks on a background with the YUV color 127.0680, 27.0815, -6.1986.



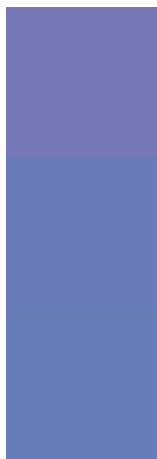
This preview shows how white text looks on a background with the YUV color 127.0680, 27.0815, -6.1986.

-6.1986.

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

127.0680, 27.0815, -6.1986

Protanopia

125.2730, 29.4454, -17.7794

Deuteranopia

125.1050, 27.5562, -18.5091



Tritanopia

124.4590, 7.1687, -12.6805

Trichromacy



Original Color

127.0680, 27.0815, -6.1986

Protanomaly

126.0670, 28.5610, -14.0908

Deuteranomaly

125.7250, 27.2506, -13.7908

Tritanomaly

125.7180, 14.4360, -10.2767

Monochromacy



Original Color

127.0680, 27.0815, -6.1986

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.6220, 10.0464, -2.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0680, 27.0815, -6.1986 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(120, 120, 182)` looks like.

```
.text, #text, p{  
    color:rgb(120, 120, 182)  
}
```

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(120, 120, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 120, 182) }
```

Border

The CSS property to change the border of an element to YUV 127.0680, 27.0815, -6.1986 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(120, 120, 182) }
```


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

```
.border{ border-color:rgb(120, 120, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 120, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 120, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 120, 182);  
box-shadow:4px 4px 4px 4px rgb(120, 120,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 127.0680, 27.0815, -6.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 120, 182) }
```

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

```
.background{ background-color: rgb(120,  
120, 182) }
```

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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