

Converting Colors

YUV(127.7890, 6.5130,
-35.7720)

Have a look what the booklet for
YUV(127.7890, 6.5130, -35.7720)
contains.

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Color

**YUV(127.7890, 6.5130,
-35.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	57928D
RGB	87, 146, 141
RGB Percent	34%, 57%, 55%
CMY	0.6588, 0.4275, 0.4471
CMYK	0.40, 0.00, 0.03, 0.43
HSL	175°, 25%, 46%
HSV	175°, 40%, 57%
XYZ	19.0171, 24.5071, 28.9273
YIQ	127.7890, -33.5590, -14.0630

Conversions

Conversions Part 2

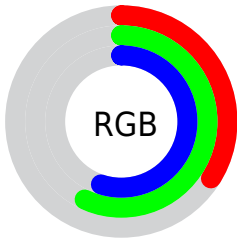
Format	Color
R_{YB}	87, 118, 146
Decimal	5739149
CIE _{Lab}	56.59, -20.46, -3.41
CIE _{LCh}	57, 20.738, 189.474
Yxy	24.5071, 0.2625, 0.3383
Android (android.graphics.Color)	4283929229 (0xFF57928D)
YUV	127.7890, 6.5130, -35.7720
Hunter-Lab	49.5046, -18.0628, 0.0080

Details

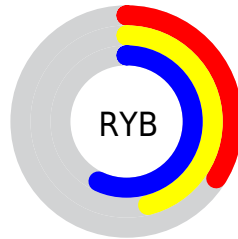
The YUV color **127.7890, 6.5130, -35.7720** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **105.2110, -6.5130, 35.7720**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4900, 6.6604, -36.3867**, and **76.3050, 7.2446, -37.1015** is the 20% darker color. If you saturate the color by 10%, you get **123.1900, 8.2873, -44.8936**, and if you desaturate by 10%, it is **132.3880, 4.7387, -26.6503**.

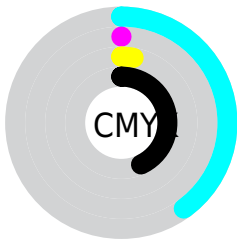
Distribution



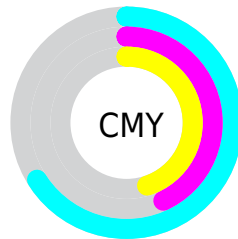
- Red (34%)
- Green (57%)
- Blue (55%)



- Red (34%)
- Yellow (46%)
- Blue (57%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (66%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7890, 6.5130, -35.7720 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 127.7890, 6.5130, -35.7720 by changing the saturation by 10% instead.

■ 127.7890, 6.5130,
-35.7720

■ 127.7890, 6.5130,
-35.7720

■ 255.0000, 0.0000,
0.0000

■ 101.7890, 6.5130,
-35.7720

■ 181.4900, 6.6604,
-36.3867

■ 76.3050, 7.2446,
-37.1015

■ 209.0770, 6.3710,
-36.9015

■ 49.4290, 9.1555,
-43.3492

■ 236.6040, 7.0972,
-36.4867

■ 33.3060, 5.7651,
-29.2094

■ 245.7310, 4.5696,
-19.0581

■ 19.8730, 2.5276,
-17.4286

■ 254.4020, 0.2948,
-1.2296

■ 0.0000, 0.0000,
0.0000

■ 127.7890, 6.5130,
-35.7720

■ 127.7890, 6.5130,
-35.7720

■ 123.1900, 8.2873,
-44.8936

■ 132.3880, 4.7387,
-26.6503

■ 118.8900, 9.9142,
-53.4005

■ 136.6880, 3.1118,
-18.1434

■ 114.1770, 11.2517,
-62.4222

■ 141.4010, 1.7743,
-9.1217

■ 109.8770, 12.8786,
-70.9291

■ 145.7010, 0.1474,
-0.6148

■ 105.2780, 14.6529,
-80.0508

■ 150.3000, -1.6269,
8.5069

■ 100.9780, 16.2798,
-88.5577

■ 154.8990, -3.4012,
17.6286

■ 159.3130, -4.5913,
26.0355

■ 163.9120, -6.3656,

35.1572

■ 168.2120, -7.9925,
43.6641

Harmonies

Analogous

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



129.9340, -3.4185, -23.6211



127.7890, 6.5130, -35.7720



128.2430, 14.6702, -38.8011

Triad

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



127.7890, 6.5130, -35.7720



138.0730, 12.7820, 6.9520



135.7780, -16.6526, 21.2427

Complementary

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



127.7890, 6.5130, -35.7720



105.2110, -6.5130, 35.7720

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.



137.5000, -11.5855, 29.3795



127.7890, 6.5130, -35.7720



138.8100, 5.0237, 22.0916

Square

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



127.7890, 6.5130, -35.7720



135.2170, 17.6410, -11.5913



138.5630, -3.7286, 29.3242



133.9890, -16.7566, 7.9026

Rectangle

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



127.7890, 6.5130, -35.7720



129.7860, 17.8535, -33.1383



138.5630, -3.7286, 29.3242



136.1420, -15.3530, 24.4315

Sweetspot

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



127.7890, 6.5130, -35.7720



181.8950, 2.5168, -13.9399



123.4270, -17.9585, -26.6845



89.9990, 1.4795, -7.8921



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



127.7890, 6.5130, -35.7720



160.8790, 9.9197, -55.1449



114.2710, 15.6424, -23.9167



71.7930, 0.5951, -4.2035



95.3700, 15.1006, -83.6395



6.8960, 1.0373, -6.0478

Inverse Universe

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



105.2110, -6.5130, 35.7720



126.1210, -9.9197, 55.1449



118.7290, -15.6424, 23.9167



69.0930, -1.0318, 4.3034



42.6300, -15.1006, 83.6395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 127.7890, 6.5130, -35.7720 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 127.7890, 6.5130, -35.7720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

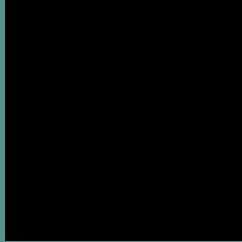
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.7890, 6.5130, -35.7720

Background



This preview shows how black text looks on a background with the YUV color 127.7890, 6.5130, -35.7720.



This preview shows how white text looks on a background with the YUV color 127.7890, 6.5130,

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

127.7890, 6.5130, -35.7720

Protanopia

135.1960, -0.5896, 2.4591

Deuteranopia

136.3690, 3.7621, 6.6924



Tritanopia

129.4070, 12.6173, -33.6829

Trichromacy



Original Color

127.7890, 6.5130, -35.7720

Protanomaly

132.2050, 2.3639, -11.5808

Deuteranomaly

132.9110, 4.9739, -8.6919

Tritanomaly

129.1250, 10.2914, -34.3126

Monochromacy



Original Color

127.7890, 6.5130, -35.7720

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1940, 2.3694, -13.3251

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7890, 6.5130, -35.7720 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(87, 146, 141)` looks like.

```
.text, #text, p{  
    color:rgb(87, 146, 141)  
}
```

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(87, 146, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 146, 141) }
```

Border

The CSS property to change the border of an element to YUV 127.7890, 6.5130, -35.7720 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(87, 146, 141) }
```


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

```
.border{ border-color:rgb(87, 146, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 146, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 146, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 146, 141);  
box-shadow:4px 4px 4px 4px rgb(87, 146,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 127.7890, 6.5130, -35.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 146, 141) }
```

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

```
.background{ background-color: rgb(87, 146,  
141) }
```

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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