

Converting Colors

YUV(116.9690, 27.1303,
-21.8978)

Have a look what the booklet for
YUV(116.9690, 27.1303, -21.8978)
contains.

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Color

**YUV(116.9690, 27.1303,
-21.8978)**

Conversions

Conversions Part 1

Format	Color
Hex	5C77AC
RGB	92, 119, 172
RGB Percent	36%, 47%, 67%
CMY	0.6392, 0.5333, 0.3255
CMYK	0.47, 0.31, 0.00, 0.33
HSL	220°, 33%, 52%
HSV	220°, 47%, 67%
XYZ	18.4569, 18.4475, 41.6177
YIQ	116.9690, -33.1050, 10.7590

Conversions

Conversions Part 2

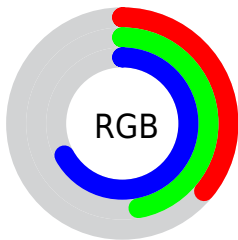
Format	Color
R _Y B	92, 112, 172
Decimal	6059948
CIE Lab	50.03, 4.91, -31.29
CIE LCh	50, 31.675, 278.916
Yxy	18.4475, 0.2351, 0.2349
Android (android.graphics.Color)	4284250028 (0xFF5C77AC)
YUV	116.9690, 27.1303, -21.8978
Hunter-Lab	42.9506, 1.5421, -27.3846

Details

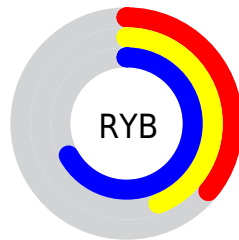
The YUV color **116.9690, 27.1303, -21.8978** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **147.0310, -27.1303, 21.8978**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0230, 28.5827, -21.0682**, and **66.6050, 25.8307, -25.0866** is the 20% darker color. If you saturate the color by 10%, you get **105.4290, 32.8195, -26.6862**, and if you desaturate by 10%, it is **128.5090, 21.4411, -17.1094**.

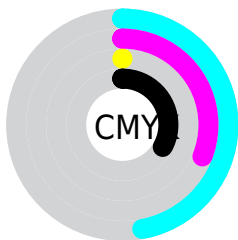
Distribution



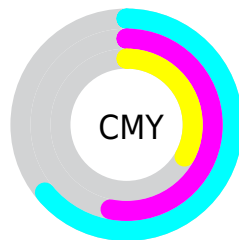
- Red (36%)
- Green (47%)
- Blue (67%)



- Red (36%)
- Yellow (44%)
- Blue (67%)



- Cyan (47%)
- Magenta (31%)
- Yellow (0%)
- Black (33%)



- Cyan (64%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9690, 27.1303, -21.8978 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 116.9690, 27.1303, -21.8978 by changing the saturation by 10% instead.

■ 116.9690, 27.1303,
-21.8978

■ 116.9690, 27.1303,
-21.8978

■ 255.0000, 0.0000,
0.0000

■ 91.1430, 26.5515,
-22.9274

■ 170.0230, 28.5827,
-21.0682

■ 66.6050, 25.8307,
-25.0866

■ 197.3220, 28.4353,
-20.4534

■ 39.4790, 26.8789,
-34.6231

■ 222.1300, 16.2049,
-17.6540

■ 24.4160, 22.4729,
-21.4128

■ 247.8240, 3.5378,
-14.7546

■ 5.4720, 20.9663,
-4.7989

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 116.9690, 27.1303,
-21.8978

■ 116.9690, 27.1303,
-21.8978

■ 105.4290, 32.8195,
-26.6862

■ 128.5090, 21.4411,
-17.1094

■ 93.3020, 38.7981,
-30.9599

■ 140.6360, 15.4625,
-12.8358

■ 81.4630, 44.6347,
-36.3631

■ 152.4750, 9.6258,
-7.4326

■ 69.3360, 50.6134,
-40.6367

■ 164.6020, 3.6472,
-3.1590

■ 57.7960, 56.3026,
-45.4251

■ 176.1420, -2.0420,
1.6295

■ 53.6540, 58.3446,
-47.0546

■ 187.6820, -7.7312,
6.4179

■ 199.8090,
-13.7098, 10.6915

■ 211.6480,
-19.5465, 16.0947

■ 223.7750,
-25.5251, 20.3683

Harmonies

Analogous

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



105.1770, 31.4647, -58.9142



116.9690, 27.1303, -21.8978



121.8050, 19.3231, 8.9410

Triad

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



116.9690, 27.1303, -21.8978



120.0240, -16.2808, 42.0750



108.2050, -4.5381, -37.8908

Complementary

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



116.9690, 27.1303, -21.8978



147.0310, -27.1303, 21.8978

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.



112.8140, -18.1493, -12.1149



116.9690, 27.1303, -21.8978



118.4710, -24.3892, 29.4049

Square

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



116.9690, 27.1303, -21.8978



121.4230, -4.6455, 43.4790



116.1220, -25.2031, 10.4170



95.7240, 14.9261, -74.3029

Rectangle

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



116.9690, 27.1303, -21.8978



122.6670, 11.9962, 25.7250



116.1220, -25.2031, 10.4170



110.1800, -9.9487, -29.0989

Sweetspot

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



116.9690, 27.1303, -21.8978



202.9910, 10.3574, -8.7621



144.8880, -0.4378, -46.3828



99.2750, 6.2734, -5.5032



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



116.9690, 27.1303, -21.8978



137.9040, 42.4453, -34.1188



104.7080, 33.1750, -0.6209



80.7870, 3.0630, -2.4442



47.0370, 50.7608, -41.2514



7.3180, 7.7312, -6.4179

Inverse Universe

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



118.9980, 0.0010, 46.4828



141.1630, -0.0804, 72.6480



159.2920, -33.1750, 0.6209



81.0330, -0.0163, 5.2331



50.6640, 0.1656, 87.1177



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 116.9690, 27.1303, -21.8978 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 116.9690, 27.1303, -21.8978 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

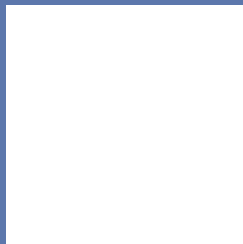
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.9690, 27.1303, -21.8978

Background



This preview shows how black text looks on a background with the YUV color 116.9690, 27.1303, -21.8978.



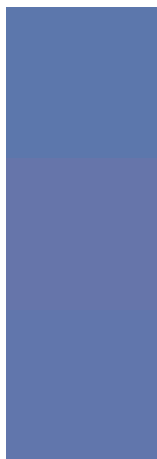
This preview shows how white text looks on a background with the YUV color 116.9690, 27.1303, -21.8978.

-21.8978.

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

116.9690, 27.1303, -21.8978

Protanopia

118.5570, 25.3614, -14.5205

Deuteranopia

117.8770, 26.6826, -18.3091



Tritanopia

113.6850, 11.0013, -28.6647

Trichromacy



Original Color

116.9690, 27.1303, -21.8978

Protanomaly

118.0620, 26.0984, -17.5944

Deuteranomaly

117.2790, 26.9775, -19.5387

Tritanomaly

114.6020, 16.9582, -25.9610

Monochromacy



Original Color

116.9690, 27.1303, -21.8978

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1760, 9.7732, -8.0474

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9690, 27.1303, -21.8978 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(92, 119, 172)` looks like.

```
.text, #text, p{  
    color:rgb(92, 119, 172)  
}
```

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(92, 119, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 119, 172) }
```

Border

The CSS property to change the border of an element to YUV 116.9690, 27.1303, -21.8978 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(92, 119, 172) }
```


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

```
.border{ border-color:rgb(92, 119, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 119, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 119, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 119, 172);  
box-shadow:4px 4px 4px 4px rgb(92, 119,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 116.9690, 27.1303, -21.8978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 119, 172) }
```

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

```
.background{ background-color: rgb(92, 119,  
172) }
```

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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