

Converting Colors

YUV(109.9800, 30.5759,
-6.9985)

Have a look what the booklet for
YUV(109.9800, 30.5759, -6.9985)
contains.

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Color

**YUV(109.9800, 30.5759,
-6.9985)**

Conversions

Conversions Part 1

Format	Color
Hex	6666AC
RGB	102, 102, 172
RGB Percent	40%, 40%, 67%
CMY	0.6000, 0.6000, 0.3255
CMYK	0.41, 0.41, 0.00, 0.33
HSL	240°, 30%, 54%
HSV	240°, 41%, 67%
XYZ	17.6773, 15.3061, 41.0524
YIQ	109.9800, -22.4700, 21.7700

Conversions

Conversions Part 2

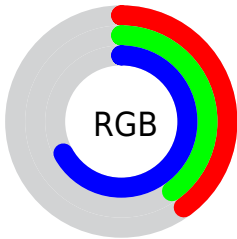
Format	Color
R_{YB}	102, 102, 172
Decimal	6710956
CIE _{Lab}	46.05, 17.95, -37.50
CIE _{LCh}	46, 41.574, 295.573
Yxy	15.3061, 0.2388, 0.2067
Android (android.graphics.Color)	4284901036 (0xFF6666AC)
YUV	109.9800, 30.5759, -6.9985
Hunter-Lab	39.1230, 12.1879, -34.8279

Details

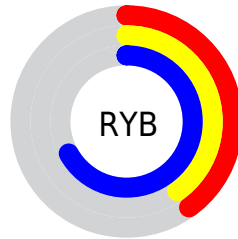
The YUV color **109.9800, 30.5759, -6.9985** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **164.0200, -30.5759, 6.9985**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4470, 32.3176, -5.6540**, and **60.5020, 28.8395, -10.0873** is the 20% darker color. If you saturate the color by 10%, you get **94.9180, 38.0014, -8.6981**, and if you desaturate by 10%, it is **125.0420, 23.1503, -5.2988**.

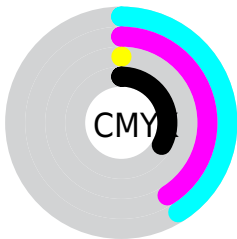
Distribution



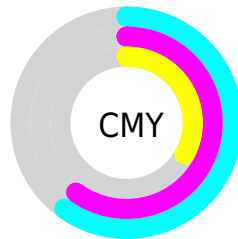
- Red (40%)
- Green (40%)
- Blue (67%)



- Red (40%)
- Yellow (40%)
- Blue (67%)



- Cyan (41%)
- Magenta (41%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.9800, 30.5759, -6.9985 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 109.9800, 30.5759, -6.9985 by changing the saturation by 10% instead.

■ 109.9800, 30.5759,
-6.9985

■ 109.9800, 30.5759,
-6.9985

■ 255.0000, 0.0000,
0.0000

■ 85.0400, 29.5603,
-7.9281

■ 162.4470, 32.3176,
-5.6540

■ 60.5020, 28.8395,
-10.0873

■ 189.7460, 32.1702,
-5.0392

■ 36.6540, 28.2716,
-14.6056

■ 213.9670, 20.2293,
-1.7251

■ 16.1980, 26.5244,
-14.2056

■ 239.0740, 7.8515,
1.6891

■ 7.1190, 19.6613,
-6.2434

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 109.9800, 30.5759,
-6.9985

■ 109.9800, 30.5759,
-6.9985

■ 94.9180, 38.0014,
-8.6981

■ 125.0420, 23.1503,
-5.2988

■ 79.8560, 45.4270,
-10.3977

■ 140.1040, 15.7247,
-3.5992

■ 63.9080, 53.2894,
-12.1973

■ 156.0520, 7.8624,
-1.7996

■ 48.8460, 60.7149,
-13.8969

■ 171.1140, 0.4368,
-0.1000

■ 33.7840, 68.1405,
-15.5966

■ 186.1760, -6.9888,
1.5996

■ 19.6080, 75.1293,
-17.1962

■ 201.2380,
-14.4143, 3.2993

■ 216.3000,
-21.8399, 4.9989

■ 232.2480,
-29.7023, 6.7985

■ 245.5380,
-36.2542, 8.2982

Harmonies

Analogous

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



87.2100, 44.7595, -76.4832



109.9800, 30.5759, -6.9985



112.5950, 17.9477, 30.1732

Triad

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



109.9800, 30.5759, -6.9985



107.4730, -27.3482, 45.1892



85.7040, 8.5269, -75.1624

Complementary

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



109.9800, 30.5759, -6.9985



164.0200, -30.5759, 6.9985

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.



96.3980, -14.0002, -36.3060



109.9800, 30.5759, -6.9985



105.5060, -34.2665, 24.1122

Square

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



109.9800, 30.5759, -6.9985



108.5080, -13.5614, 56.5595



102.4810, -29.8171, -3.0528



89.6940, 23.8149, -78.6616

Rectangle

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



109.9800, 30.5759, -6.9985



111.0610, 7.8579, 46.4275



102.4810, -29.8171, -3.0528



83.7490, 3.5747, -73.4479

Sweetspot

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



109.9800, 30.5759, -6.9985



200.0780, 11.7935, -2.6994



151.0700, 10.3185, -43.0344



97.8240, 6.9888, -1.5996



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.



109.9800, 30.5759, -6.9985



126.5400, 48.0478, -10.9976



120.4450, 25.4166, 14.5187



79.0260, 3.9312, -0.8998



17.1000, 65.5197, -14.9967



2.6220, 10.0464, -2.2995

Inverse Universe

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



130.9100, 20.2574, 36.0359



159.4300, 31.8330, 56.6279



153.5550, -25.4166, -14.5187



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 109.9800, 30.5759, -6.9985 looks on a white 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

Black Background



This preview shows how the YUV color 109.9800, 30.5759, -6.9985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

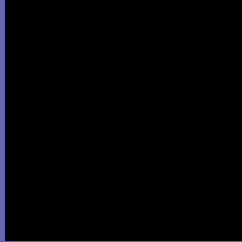
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.9800, 30.5759, -6.9985

Background



This preview shows how black text looks on a background with the YUV color 109.9800, 30.5759, -6.9985.



This preview shows how white text looks on a background with the YUV color 109.9800, 30.5759, -6.9985.

-6.9985.

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

109.9800, 30.5759, -6.9985

Protanopia

107.3910, 33.8242, -22.2679

Deuteranopia

106.0870, 31.5091, -26.3863



Tritanopia

107.1490, 7.3215, -15.0397

Trichromacy



Original Color

109.9800, 30.5759, -6.9985

Protanomaly

108.1960, 32.9344, -16.8349

Deuteranomaly

107.1310, 31.4874, -19.4089

Tritanomaly

108.0490, 15.7518, -12.3210

Monochromacy



Original Color

109.9800, 30.5759, -6.9985

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9640, 11.3567, -2.5994

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9800, 30.5759, -6.9985 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(102, 102, 172)` looks like.

```
.text, #text, p{  
    color:rgb(102, 102, 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(102, 102, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 102, 172) }
```

Border

The CSS property to change the border of an element to YUV 109.9800, 30.5759, -6.9985 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(102, 102, 172) }
```


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

```
.border{ border-color:rgb(102, 102, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 102, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 102, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 102, 172);  
box-shadow:4px 4px 4px 4px rgb(102, 102,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 109.9800, 30.5759, -6.9985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 102, 172) }
```

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

```
.background{ background-color: rgb(102,  
102, 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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