

Converting Colors

YUV(30.9860, 35.0099, 17.5523)

Have a look what the booklet for
YUV(30.9860, 35.0099, 17.5523)
contains.

YUV(30.9860, 35.0099, 17.5523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(30.9860, 35.0099,
17.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	330766
RGB	51, 7, 102
RGB Percent	20%, 3%, 40%
CMY	0.8000, 0.9725, 0.6000
CMYK	0.50, 0.93, 0.00, 0.60
HSL	268°, 87%, 21%
HSV	268°, 93%, 40%
XYZ	3.8395, 1.8151, 12.7184
YIQ	30.9860, -4.2710, 38.8730

Conversions

Conversions Part 2

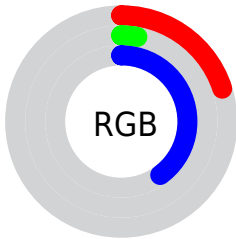
Format	Color
R_{YB}	51, 7, 102
Decimal	3344230
CIE _{Lab}	14.49, 40.16, -45.21
CIE _{LCh}	14, 60.466, 311.616
Yxy	1.8151, 0.2090, 0.0988
Android (android.graphics.Color)	4281534310 (0xFF330766)
YUV	30.9860, 35.0099, 17.5523
Hunter-Lab	13.4725, 27.2935, -46.5405

Details

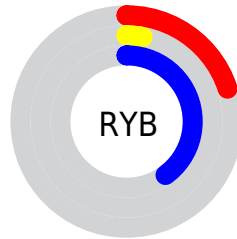
The YUV color **30.9860, 35.0099, 17.5523** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **78.0140, -35.0099, -17.5523**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.1110, 35.4413, 19.1967**, and **6.1560, 23.5871, -5.3988** is the 20% darker color. If you saturate the color by 10%, you get **25.6810, 37.6253, 18.6968**, and if you desaturate by 10%, it is **38.3510, 31.3790, 15.4782**.

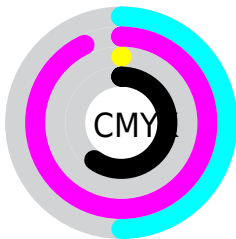
Distribution



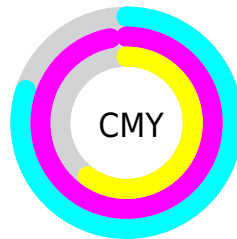
- Red (20%)
- Green (3%)
- Blue (40%)



- Red (20%)
- Yellow (3%)
- Blue (40%)



- Cyan (50%)
- Magenta (93%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (97%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.9860, 35.0099, 17.5523 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 30.9860, 35.0099, 17.5523 by changing the saturation by 10% instead.

■ 30.9860, 35.0099,
17.5523

■ 30.9860, 35.0099,
17.5523

■ 248.5430, 3.1833,
5.6628

■ 15.9540, 30.0957,
7.0563

■ 82.1110, 35.4413,
19.1967

■ 6.1560, 23.5871,
-5.3988

■ 107.9370, 36.0201,
20.2263

■ 4.7080, 12.9620,
-4.1289

■ 133.8770, 37.0356,
21.1559

■ 0.3420, 1.3104,
-0.2999


■ 160.8170, 38.0512,
22.0855


■ 0.0000, 0.0000,
0.0000


■ 187.2750, 33.3884,
24.3148


■ 211.7950, 21.3001,


28.2438


 231.5200, 11.5756,
20.5920


 30.9860, 35.0099,
17.5523


 30.9860, 35.0099,
17.5523


 25.6810, 37.6253,
18.6968

 38.3510, 31.3790,
15.4782

 46.0150, 27.6006,
14.0188

 53.9670, 23.6803,
11.4299

 61.6310, 19.9019,
9.9706

 68.9960, 16.2710,
7.8965

■ 76.6600, 12.4926,
6.4372

■ 84.0250, 8.8617,
4.3631

■ 92.2760, 4.7939,
2.3889

■ 99.6410, 1.1630,
0.3148

Harmonies

Analogous

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



36.9150, 42.4399, -32.3745



30.9860, 35.0099, 17.5523



35.4020, 14.0988, 51.3904

Triad

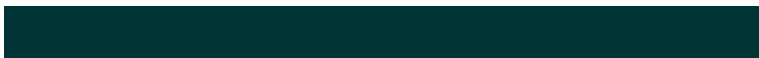
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.9860, 35.0099, 17.5523



34.1210, -16.8217, 28.8349



36.5660, 8.1020, -32.0684

Complementary

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



30.9860, 35.0099, 17.5523



78.0140, -35.0099, -17.5523

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.



30.1650, -13.8853, -26.4547



30.9860, 35.0099, 17.5523



32.7490, -16.1453, -1.5339

Square

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



30.9860, 35.0099, 17.5523



27.5080, -13.5614, 56.5595



27.5890, -13.6014, -24.1956



41.2400, 26.0107, -36.1675

Rectangle

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



30.9860, 35.0099, 17.5523



35.3140, 0.8312, 60.2376



27.5890, -13.6014, -24.1956



34.8560, 1.5500, -30.5687

Sweetspot

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



30.9860, 35.0099, 17.5523



104.7140, 13.9450, 7.2668



48.3540, 26.4475, -36.2675



49.4980, 8.1355, 3.9483



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



30.9860, 35.0099, 17.5523



33.4010, 49.1023, 24.2043



44.7400, 28.2292, 45.8320



47.1680, 1.8892, 0.7297



28.9570, 42.4192, 21.0857



61.0760, 89.1955, 44.6603

Inverse Universe

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



41.2190, 8.2730, 53.3049



47.8610, 11.4075, 74.6669



64.2600, -28.2292, -45.8320



47.8370, 0.5734, 2.7740



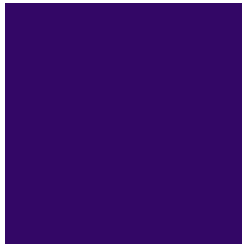
41.4530, 10.1297, 64.5007



87.1780, 21.1112, 135.7789

Previews

White Background



This preview shows how the YUV color 30.9860, 35.0099, 17.5523 looks on a white background.

Color Contrast Check

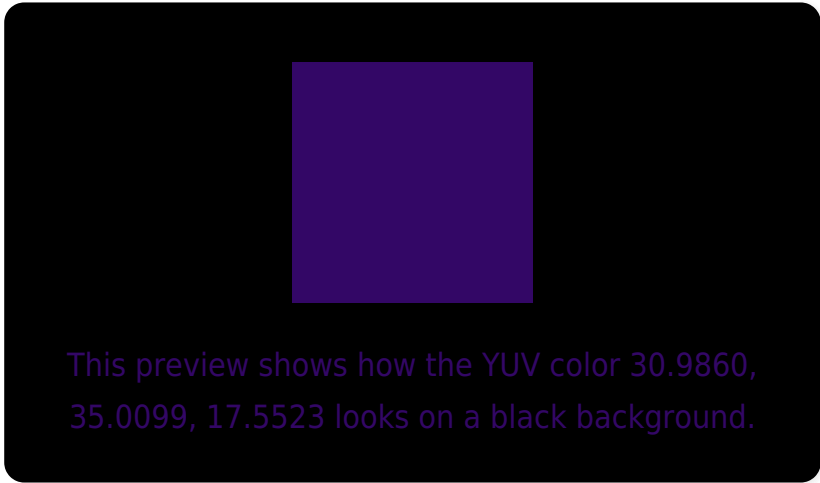
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.9860, 35.0099, 17.5523

Background



This preview shows how black text looks on a background with the YUV color 30.9860, 35.0099, 17.5523.



This preview shows how white text looks on a background with the YUV color 30.9860, 35.0099,

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

30.9860, 35.0099, 17.5523

Protanopia

31.4260, 23.9470, -27.5606

Tritanopia

38.5480, 2.1948, -3.9886

Trichromacy



Original Color

30.9860, 35.0099, 17.5523

Protanomaly

31.5620, 27.8239, -11.0169

Tritanomaly

35.6920, 13.9558, 3.7781

Monochromacy



Original Color

30.9860, 35.0099, 17.5523

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.7740, 12.9294, 6.3372

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.9860, 35.0099, 17.5523 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(51, 7, 102)` looks like.

```
.text, #text, p{  
    color:rgb(51, 7, 102)  
}
```

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(51, 7, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 7, 102) }
```

Border

The CSS property to change the border of an element to YUV 30.9860, 35.0099, 17.5523 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(51, 7, 102) }
```

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

```
.border{ border-color:rgb(51, 7, 102) }
```

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

Here you see how a box with a 4 pixel rgb(51, 7, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 7, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 7, 102);  
box-shadow:4px 4px 4px 4px rgb(51, 7, 102)  
}
```


Background

The CSS property to change the background color of an element to YUV 30.9860, 35.0099, 17.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 7, 102) }
```

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

```
.background{ background-color: rgb(51, 7,  
102) }
```

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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