

Converting Colors

YUV(23.9860, 35.0099, 17.5523)

Have a look what the booklet for
YUV(23.9860, 35.0099, 17.5523)
contains.

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Color

**YUV(23.9860, 35.0099,
17.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	2C005F
RGB	44, 0, 95
RGB Percent	17%, 0%, 37%
CMY	0.8275, 1.0000, 0.6275
CMYK	0.54, 1.00, 0.00, 0.63
HSL	268°, 100%, 19%
HSV	268°, 100%, 37%
XYZ	3.1043, 1.3617, 10.9257
YIQ	23.9860, -4.2710, 38.8730

Conversions

Conversions Part 2

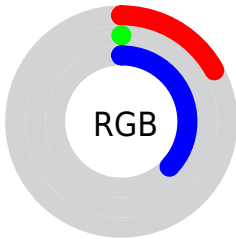
Format	Color
RYB	44, 0, 95
Decimal	2883679
CIELab	11.70, 40.43, -45.18
CIElCh	12, 60.625, 311.823
Yxy	1.3617, 0.2017, 0.0885
Android (android.graphics.Color)	4281073759 (0xFF2C005F)
YUV	23.9860, 35.0099, 17.5523
Hunter-Lab	11.6692, 27.0640, -47.3440

Details

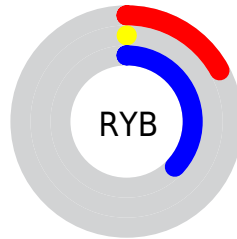
The YUV color **23.9860, 35.0099, 17.5523** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **71.0140, -35.0099, -17.5523**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.1110, 35.4413, 19.1967**, and **5.3580, 20.5295, -4.6990** is the 20% darker color. If you saturate the color by 10%, you get **23.9860, 35.0099, 17.5523**, and if you desaturate by 10%, it is **30.7640, 31.6683, 15.9930**.

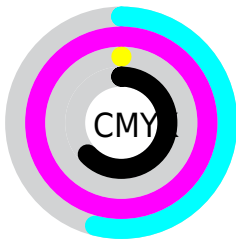
Distribution



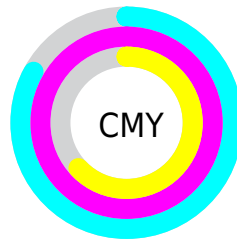
- Red (17%)
- Green (0%)
- Blue (37%)



- Red (17%)
- Yellow (0%)
- Blue (37%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (63%)



- Cyan (83%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.9860, 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 23.9860, 35.0099, 17.5523 by changing the saturation by 10% instead.

■ 23.9860, 35.0099,
17.5523

■ 23.9860, 35.0099,
17.5523

■ 243.8470, 5.4984,
9.7812

■ 14.0740, 28.0645,
5.1971

■ 75.1110, 35.4413,
19.1967

■ 5.3580, 20.5295,
-4.6990

■ 100.9370, 36.0201,
20.2263

■ 3.5510, 11.0674,
-3.1142

■ 126.7630, 36.5988,
21.2558

■ 0.0000, 0.0000,
0.0000

■ 153.1160, 37.9038,
22.7003

■ 180.1870, 36.8828,
23.5150

■ 204.7070, 24.7944,

27.4440

■ 226.8240, 13.8908,
24.7104

■ 23.9860, 35.0099,
17.5523

■ 30.7640, 31.6683,
15.9930

■ 38.1290, 28.0374,
13.9189

■ 45.4940, 24.4065,
11.8448

■ 52.2720, 21.0649,
10.2855

■ 59.6370, 17.4340,
8.2114

■ 66.7140, 13.9450,
7.2668

■ 74.0790, 10.3141,
5.1927

■ 80.8570, 6.9725,
3.6334

■ 88.2220, 3.3416,
1.5593

Harmonies

Analogous

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



33.1820, 40.8293, -29.1006



23.9860, 35.0099, 17.5523



32.6250, 12.5099, 47.6869

Triad

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



23.9860, 35.0099, 17.5523



28.2070, -13.9061, 27.0055



31.7730, 7.5069, -27.8649

Complementary

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



23.9860, 35.0099, 17.5523



71.0140, -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.



25.8280, -12.7332, -22.6512



23.9860, 35.0099, 17.5523



27.7210, -13.6665, -3.2633

Square

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



23.9860, 35.0099, 17.5523



25.1160, -12.3822, 51.6413



24.6540, -12.1544, -21.6216



37.5070, 24.4000, -32.8936

Rectangle

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



23.9860, 35.0099, 17.5523



32.2380, -0.6103, 55.9193



24.6540, -12.1544, -21.6216



30.1770, 1.3917, -26.4652

Sweetspot

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



23.9860, 35.0099, 17.5523



95.1870, 13.2188, 6.8520



41.3540, 26.4475, -36.2675



44.4980, 8.1355, 3.9483



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



23.9860, 35.0099, 17.5523



30.9510, 44.8872, 22.8450



37.7400, 28.2292, 45.8320



45.0540, 1.4524, 0.8296



28.3160, 41.2562, 20.7709



60.5490, 88.4693, 44.2455

Inverse Universe

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



34.2190, 8.2730, 53.3049



44.0020, 10.8450, 68.4042



57.2600, -28.2292, -45.8320



45.4240, 0.2840, 2.2592



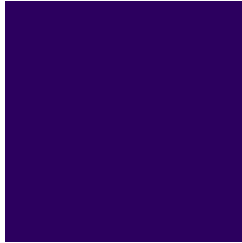
40.3280, 9.6983, 62.8563



86.4660, 20.9693, 134.6493

Previews

White Background



This preview shows how the YUV color 23.9860, 35.0099, 17.5523 looks on a white background.

Color Contrast Check

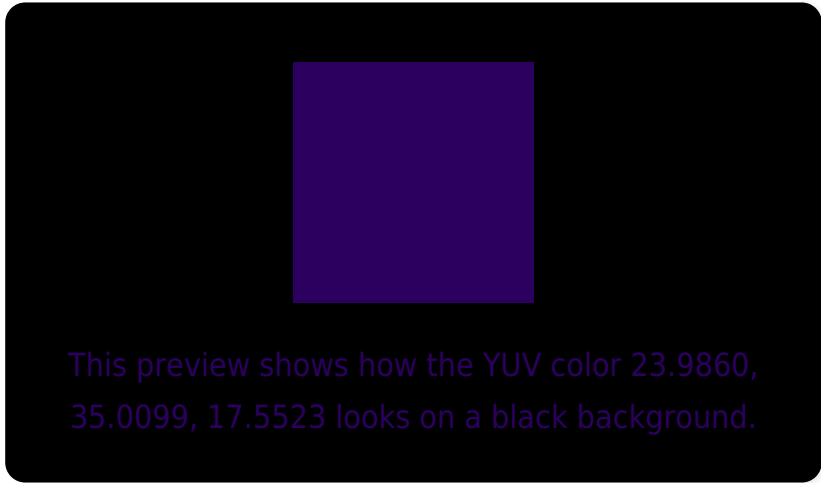
Large Text (above 18pt) WCAG AA ✓ Pass

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

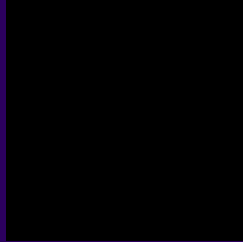
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.9860, 35.0099, 17.5523

Background



This preview shows how black text looks on a background with the YUV color 23.9860, 35.0099, 17.5523.



This preview shows how white text looks on a background with the YUV color 23.9860, 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



Protanopia

28.0520, 21.1734, -24.6016

Deuteranopia

28.0860, 16.2266, -24.6314

Tritanopia

34.0530, 2.9319, -7.0625

Trichromacy



Protanomaly

26.8180, 26.2187, -9.4874

Deuteranomaly

26.6070, 22.8717, -9.3023

Tritanomaly

30.7950, 14.3981, 1.9338

Monochromacy



Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.7740, 12.9294, 6.3372

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.9860, 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(44, 0, 95)` looks like.

```
.text, #text, p{  
    color:rgb(44, 0, 95)  
}
```

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(44, 0, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 0, 95) }
```

Border

The CSS property to change the border of an element to YUV 23.9860, 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(44, 0, 95) }
```

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

```
.border{ border-color:rgb(44, 0, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 0, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 0, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(44, 0, 95); box-shadow:4px  
4px 4px 4px rgb(44, 0, 95) }
```


Background

The CSS property to change the background color of an element to YUV 23.9860, 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(44, 0, 95) }
```

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

```
.background{ background-color: rgb(44, 0,  
95) }
```

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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