

Converting Colors

YUV(25.3390, 36.3149, 18.9967)

Have a look what the booklet for
YUV(25.3390, 36.3149, 18.9967)
contains.

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Color

**YUV(25.3390, 36.3149,
18.9967)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0063
RGB	47, 0, 99
RGB Percent	18%, 0%, 39%
CMY	0.8157, 1.0000, 0.6118
CMYK	0.53, 1.00, 0.00, 0.61
HSL	268°, 100%, 19%
HSV	268°, 100%, 39%
XYZ	3.4244, 1.5052, 11.9144
YIQ	25.3390, -3.7670, 40.7530

Conversions

Conversions Part 2

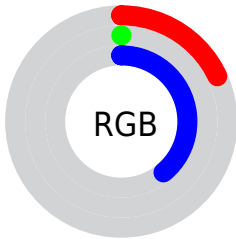
Format	Color
R_{YB}	47, 0, 99
Decimal	3080291
CIE Lab	12.64, 41.69, -46.28
CIE LCh	13, 62.287, 312.012
Yxy	1.5052, 0.2033, 0.0894
Android (android.graphics.Color)	4281270371 (0xFF2F0063)
YUV	25.3390, 36.3149, 18.9967
Hunter-Lab	12.2686, 28.3529, -48.9903

Details

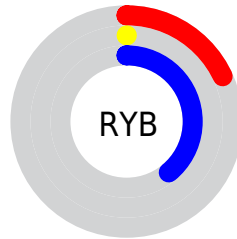
The YUV color **25.3390, 36.3149, 18.9967** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **73.6610, -36.3149, -18.9967**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.6380, 36.1675, 19.6115**, and **5.8140, 22.2767, -5.0989** is the 20% darker color. If you saturate the color by 10%, you get **25.3390, 36.3149, 18.9967**, and if you desaturate by 10%, it is **32.7040, 32.6839, 16.9226**.

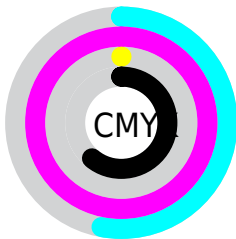
Distribution



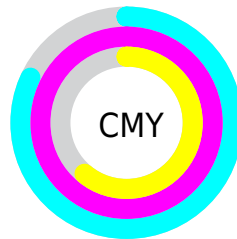
- Red (18%)
- Green (0%)
- Blue (39%)



- Red (18%)
- Yellow (0%)
- Blue (39%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (61%)



- Cyan (82%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.3390, 36.3149, 18.9967 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 25.3390, 36.3149, 18.9967 by changing the saturation by 10% instead.

■ 25.3390, 36.3149,
18.9967

■ 25.3390, 36.3149,
18.9967

■ 244.4340, 5.2090,
9.2664

■ 14.8290, 29.6643,
5.4120

■ 77.6380, 36.1675,
19.6115

■ 5.8140, 22.2767,
-5.0989

■ 102.8770, 37.0356,
21.1559

■ 4.4800, 12.0884,
-3.9290

■ 129.1160, 37.9038,
22.7003

■ 0.0000, 0.0000,
0.0000

■ 155.9420, 38.4826,
23.7299

■ 182.5570, 35.7144,
24.9445

■ 207.0770, 23.6260,

28.8735

■ 227.9980, 13.3120,
23.6808

■ 25.3390, 36.3149,
18.9967

■ 32.7040, 32.6839,
16.9226

■ 40.0690, 29.0530,
14.8485

■ 47.7330, 25.2746,
13.3892

■ 55.0980, 21.6437,
11.3151

■ 62.4630, 18.0127,
9.2409

■ 69.2410, 14.6712,
7.6816

■ 76.6060, 11.0402,
5.6075

■ 84.2700, 7.2619,
4.1482

■ 91.6350, 3.6309,
2.0741

Harmonies

Analogous

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



34.3390, 42.7239, -30.1153



25.3390, 36.3149, 18.9967



34.1630, 13.2306, 49.8460

Triad

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



25.3390, 36.3149, 18.9967



30.2780, -14.9271, 27.8202



33.8760, 7.9491, -29.7093

Complementary

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



25.3390, 36.3149, 18.9967



73.6610, -36.3149, -18.9967

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.



27.5890, -13.6014, -24.1956



25.3390, 36.3149, 18.9967



29.4930, -14.5400, -3.0634

Square

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



25.3390, 36.3149, 18.9967



26.3120, -12.9718, 54.1004



25.8280, -12.7332, -22.6512



39.1370, 25.5685, -34.3231

Rectangle

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



25.3390, 36.3149, 18.9967



33.5480, -0.7632, 58.2784



25.8280, -12.7332, -22.6512



32.1660, 1.3972, -28.2096

Sweetspot

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



25.3390, 36.3149, 18.9967



98.8280, 14.3818, 7.1668



42.3970, 27.9053, -37.1822



46.9110, 8.4249, 4.4631



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



25.3390, 36.3149, 18.9967



32.8310, 46.9183, 24.7042



39.9900, 29.0919, 49.1208



45.0540, 1.4524, 0.8296



28.6150, 41.1088, 21.3856



61.4460, 88.0271, 46.0899

Inverse Universe

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



35.5290, 8.1202, 55.6641



45.9100, 10.3974, 71.9929



59.0100, -29.0919, -49.1208



45.4240, 0.2840, 2.2592



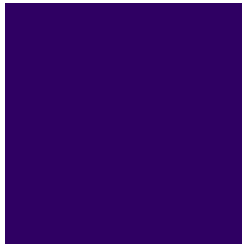
40.2140, 9.2615, 62.9563



86.1240, 19.6589, 134.9493

Previews

White Background



This preview shows how the YUV color 25.3390, 36.3149, 18.9967 looks on a white background.

Color Contrast Check

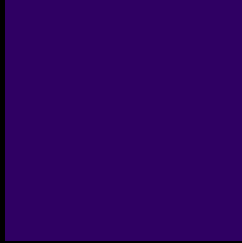
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 25.3390, 36.3149, 18.9967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

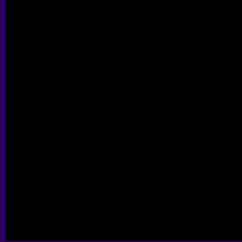
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.3390, 36.3149, 18.9967

Background



This preview shows how black text looks on a background with the YUV color 25.3390, 36.3149, 18.9967.



This preview shows how white text looks on a background with the YUV color 25.3390, 36.3149,

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

29.6820, 22.3418, -26.0311

Deuteranopia

29.6020, 16.9582, -25.9610

Tritanopia

36.3520, 2.7845, -6.4477

Trichromacy



Protanomaly

28.1600, 27.5291, -9.7873

Deuteranomaly

27.9490, 24.1821, -9.6023

Tritanomaly

32.6210, 14.9768, 2.9634

Monochromacy



Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.1870, 13.2188, 6.8520

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.3390, 36.3149, 18.9967 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(47, 0, 99)` looks like.

```
.text, #text, p{  
    color:rgb(47, 0, 99)  
}
```

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(47, 0, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 0, 99) }
```

Border

The CSS property to change the border of an element to YUV 25.3390, 36.3149, 18.9967 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(47, 0, 99) }
```

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

```
.border{ border-color:rgb(47, 0, 99) }
```

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

Here you see how a box with a 4 pixel rgb(47, 0, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 0, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 0, 99); box-shadow:4px  
4px 4px 4px rgb(47, 0, 99) }
```


Background

The CSS property to change the background color of an element to YUV 25.3390, 36.3149, 18.9967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 0, 99) }
```

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

```
.background{ background-color: rgb(47, 0,  
99) }
```

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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