

Converting Colors

YUV(43.3340, 23.4993,
-23.9719)

Have a look what the booklet for
YUV(43.3340, 23.4993, -23.9719)
contains.

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Color

**YUV(43.3340, 23.4993,
-23.9719)**

Conversions

Conversions Part 1

Format	Color
Hex	10305B
RGB	16, 48, 91
RGB Percent	6%, 19%, 36%
CMY	0.9373, 0.8118, 0.6431
CMYK	0.82, 0.47, 0.00, 0.64
HSL	214°, 70%, 21%
HSV	214°, 82%, 36%
XYZ	3.1590, 2.9794, 10.3061
YIQ	43.3340, -32.8750, 6.5890

Conversions

Conversions Part 2

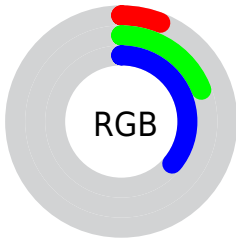
Format	Color
R _Y B	16, 38, 91
Decimal	1060955
CIE Lab	19.96, 5.75, -29.14
CIE LCh	20, 29.707, 281.166
Yxy	2.9794, 0.1921, 0.1812
Android (android.graphics.Color)	4279251035 (0xFF10305B)
YUV	43.3340, 23.4993, -23.9719
Hunter-Lab	17.2609, 2.4611, -23.3181

Details

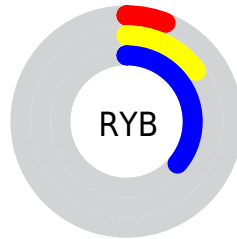
The YUV color **43.3340, 23.4993, -23.9719** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **63.6660, -23.4993, 23.9719**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.8940, 24.2093, -18.3240**, and **5.1300, 19.6559, -4.4990** is the 20% darker color. If you saturate the color by 10%, you get **37.7080, 26.2730, -26.9309**, and if you desaturate by 10%, it is **48.9600, 20.7257, -21.0129**.

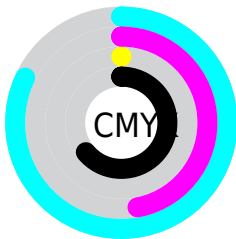
Distribution



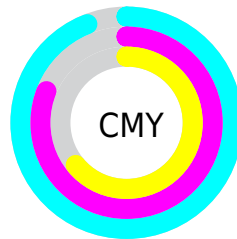
- Red (6%)
- Green (19%)
- Blue (36%)



- Red (6%)
- Yellow (15%)
- Blue (36%)



- Cyan (82%)
- Magenta (47%)
- Yellow (0%)
- Black (64%)



- Cyan (94%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.3340, 23.4993, -23.9719 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 43.3340, 23.4993, -23.9719 by changing the saturation by 10% instead.

■ 43.3340, 23.4993,
-23.9719

■ 43.3340, 23.4993,
-23.9719

■ 255.0000, 0.0000,
0.0000

■ 24.0740, 21.1625,
-21.1129

■ 92.8940, 24.2093,
-18.3240

■ 5.1300, 19.6559,
-4.4990

■ 117.7200, 24.7880,
-17.2944

■ 3.2090, 9.7570,
-2.8143

■ 143.9480, 25.6616,
-17.4944

■ 0.0000, 0.0000,
0.0000

■ 170.4750, 26.3878,
-17.0796

■ 197.5890, 26.8246,
-17.1796

■ 223.0380, 15.7573,

-14.0653

■ 248.4330, 3.2375,
-11.7807

■ 43.3340, 23.4993,
-23.9719

■ 43.3340, 23.4993,
-23.9719

■ 37.7080, 26.2730,
-26.9309

■ 48.9600, 20.7257,
-21.0129

■ 33.2670, 28.4624,
-29.1752

■ 54.5860, 17.9521,
-18.0539

■ 60.7990, 14.8891,
-15.6097

■ 66.4250, 12.1155,
-12.6507

■ 72.3500, 9.1945,
-9.0769

■ 77.9760, 6.4208,
-6.1180

■ 84.1890, 3.3578,
-3.6738

■ 89.8150, 0.5842,
-0.7148

■ 95.4410, -2.1894,
2.2442

Harmonies

Analogous

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



41.8440, 23.2479, -36.6972



43.3340, 23.4993, -23.9719



50.0670, 15.2500, 8.7112

Triad

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



43.3340, 23.4993, -23.9719



46.5820, -12.6119, 31.9386



37.8080, -2.3703, -33.1576

Complementary

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



43.3340, 23.4993, -23.9719



63.6660, -23.4993, 23.9719

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.



41.8400, -14.2181, -13.0147



43.3340, 23.4993, -23.9719



45.8120, -21.5993, 21.2129

Square

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



43.3340, 23.4993, -23.9719



46.5360, -2.7292, 35.4869



44.8980, -22.1347, 6.2285



40.4300, 7.6760, -35.4571

Rectangle

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



43.3340, 23.4993, -23.9719



49.1890, 10.2598, 22.6362



44.8980, -22.1347, 6.2285



36.4230, -5.1385, -31.9430

Sweetspot

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



43.3340, 23.4993, -23.9719



98.3500, 9.1945, -9.0769



64.8130, -3.3588, -42.8090



47.7480, 5.5472, -5.9180



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



43.3340, 23.4993, -23.9719



43.5740, 36.1990, -37.3374



26.0450, 32.0228, -4.4245



42.7440, 1.6052, -1.5295



40.1290, 34.4464, -35.1931



86.3050, 74.2926, -75.6895

Inverse Universe

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



42.0730, 2.9220, 42.9090



41.3840, 4.7407, 66.3152



80.9550, -32.0228, 4.4245



42.7230, 0.1366, 2.8739



38.2480, 4.3147, 62.9265



82.3770, 9.1811, 135.6044

Previews

White Background



This preview shows how the YUV color 43.3340, 23.4993, -23.9719 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 43.3340, 23.4993, -23.9719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

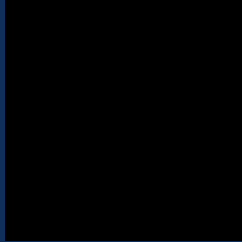
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.3340, 23.4993, -23.9719

Background



This preview shows how black text looks on a background with the YUV color 43.3340, 23.4993, -23.9719.



This preview shows how white text looks on a background with the YUV color 43.3340, 23.4993,

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

43.3340, 23.4993, -23.9719

Protanopia

45.6230, 21.8779, -17.2094

Deuteranopia

38.6810, 23.8213, -33.9232



Tritanopia

38.3100, 9.7072, -33.5979

Trichromacy



Original Color

43.3340, 23.4993, -23.9719

Protanomaly

44.4270, 22.4675, -19.6685

Deuteranomaly

40.5890, 23.3736, -30.3346

Tritanomaly

40.2980, 14.6431, -30.0793

Monochromacy



Original Color

43.3340, 23.4993, -23.9719

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.1220, 8.3209, -8.8770

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.3340, 23.4993, -23.9719 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(16, 48, 91)` looks like.

```
.text, #text, p{  
    color:rgb(16, 48, 91)  
}
```

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(16, 48, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 48, 91) }
```

Border

The CSS property to change the border of an element to YUV 43.3340, 23.4993, -23.9719 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(16, 48, 91) }
```


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

```
.border{ border-color:rgb(16, 48, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 48, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 48, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 48, 91);  
box-shadow:4px 4px 4px 4px rgb(16, 48, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.3340, 23.4993, -23.9719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 48, 91) }
```

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

```
.background{ background-color: rgb(16, 48,  
91) }
```

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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