

Converting Colors

YUV(49.3590, 8.6970, -36.2718)

Have a look what the booklet for
YUV(49.3590, 8.6970, -36.2718)
contains.

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Color

**YUV(49.3590, 8.6970,
-36.2718)**

Conversions

Conversions Part 1

Format	Color
Hex	084343
RGB	8, 67, 67
RGB Percent	3%, 26%, 26%
CMY	0.9686, 0.7373, 0.7373
CMYK	0.88, 0.00, 0.00, 0.74
HSL	180°, 79%, 15%
HSV	180°, 88%, 26%
XYZ	3.1204, 4.4712, 6.0088
YIQ	49.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

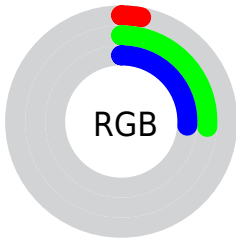
Format	Color
R_{YB}	8, 38, 67
Decimal	541507
CIE _{Lab}	25.17, -17.36, -5.16
CIE _{LCh}	25, 18.113, 196.547
Yxy	4.4712, 0.2294, 0.3288
Android (android.graphics.Color)	4278731587 (0xFF084343)
YUV	49.3590, 8.6970, -36.2718
Hunter-Lab	21.1452, -10.6626, -2.0466

Details

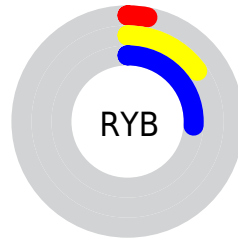
The YUV color **49.3590, 8.6970, -36.2718** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25.6410, -8.6970, 36.2718**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.7510, 7.5178, -31.3536**, and **17.4110, 3.2484, -15.2694** is the 20% darker color. If you saturate the color by 10%, you get **47.2660, 9.7289, -40.5753**, and if you desaturate by 10%, it is **51.4520, 7.6652, -31.9684**.

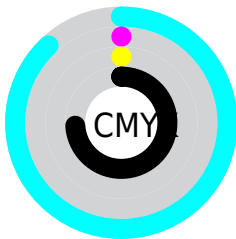
Distribution



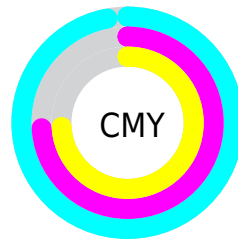
- Red (3%)
- Green (26%)
- Blue (26%)



- Red (3%)
- Yellow (15%)
- Blue (26%)



- Cyan (88%)
- Magenta (0%)
- Yellow (0%)
- Black (74%)



- Cyan (97%)
- Magenta (74%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3590, 8.6970, -36.2718 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 49.3590, 8.6970, -36.2718 by changing the saturation by 10% instead.

■ 49.3590, 8.6970,
-36.2718

■ 49.3590, 8.6970,
-36.2718

■ 254.7010, 0.1474,
-0.6148

■ 31.5450, 6.6333,
-27.6650

■ 99.7510, 7.5178,
-31.3536

■ 17.4110, 3.2484,
-15.2694

■ 125.3380, 7.2284,
-31.8684

■ 0.0000, 0.0000,
0.0000

■ 152.0390, 7.3758,
-32.4832

■ 179.0390, 7.3758,
-32.4832

■ 206.7400, 7.5232,
-33.0980

■ 234.7400, 7.5232,

-33.0980

■ 246.0300, 4.4222,
-18.4433

■ 49.3590, 8.6970,
-36.2718

■ 49.3590, 8.6970,
-36.2718

■ 47.2660, 9.7289,
-40.5753

■ 51.4520, 7.6652,
-31.9684

■ 46.9670, 9.8763,
-41.1901

■ 53.2460, 6.7807,
-28.2797

■ 55.3390, 5.7489,
-23.9763

■ 57.4320, 4.7170,
-19.6729

■ 59.5250, 3.6852,
-15.3694

■ 61.3190, 2.8007,
-11.6808

■ 63.4120, 1.7689,
-7.3773

■ 65.5050, 0.7370,
-3.0739

■ 67.2990, -0.1474,
0.6148

Harmonies

Analogous

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



53.7430, -0.3663, -22.5766



49.3590, 8.6970, -36.2718



49.2430, 14.6702, -38.8011

Triad

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



49.3590, 8.6970, -36.2718



61.3460, 8.7034, 8.4666



59.3470, -12.9891, 12.8507

Complementary

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



49.3590, 8.6970, -36.2718



25.6410, -8.6970, 36.2718

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.



59.9010, -9.8112, 20.2578



49.3590, 8.6970, -36.2718



61.3920, 2.2717, 18.0732

Square

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



49.3590, 8.6970, -36.2718



59.3980, 13.1148, -6.4880



60.5190, -3.7069, 22.3468



57.8080, -12.2303, 2.7994

Rectangle

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



49.3590, 8.6970, -36.2718



53.4230, 15.0745, -28.4350



60.5190, -3.7069, 22.3468



59.5970, -12.1263, 16.1394

Sweetspot

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



49.3590, 8.6970, -36.2718



80.1230, 3.3904, -14.1399



42.6330, -17.0741, -30.3731



39.1130, 1.9163, -7.9921



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



49.3590, 8.6970, -36.2718



60.9870, 12.8244, -53.4856



32.3360, 17.0894, -21.3427



32.1030, 0.4422, -1.8443



67.9970, 14.2985, -59.6334



157.0240, 33.0192, -137.7100

Inverse Universe

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



32.3670, 17.0741, 30.3731



35.9310, 25.1770, 44.7875



43.2510, -17.3787, 20.8279



31.2390, 0.8682, 1.5444



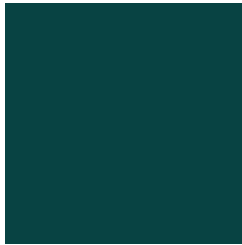
40.0610, 28.0709, 49.9355



92.5120, 64.8236, 115.3150

Previews

White Background



This preview shows how the YUV color 49.3590, 8.6970, -36.2718 looks on a white background.

Color Contrast Check

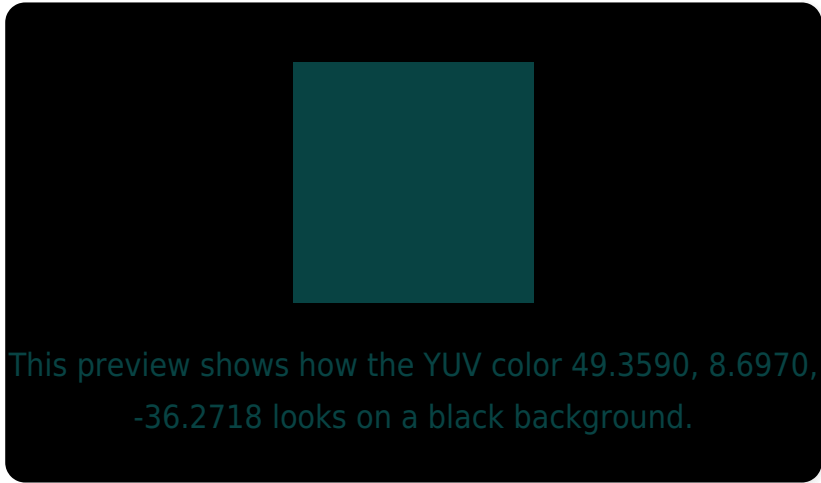
Large Text (above 18pt) WCAG AA ✓ Pass

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

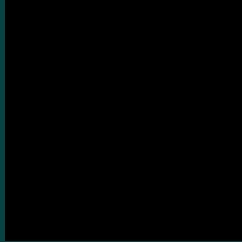
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3590, 8.6970, -36.2718

Background



This preview shows how black text looks on a background with the YUV color 49.3590, 8.6970, -36.2718.



This preview shows how white text looks on a background with the YUV color 49.3590, 8.6970,

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

49.3590, 8.6970, -36.2718

Protanopia

59.6410, 1.1630, 0.3148

Deuteranopia

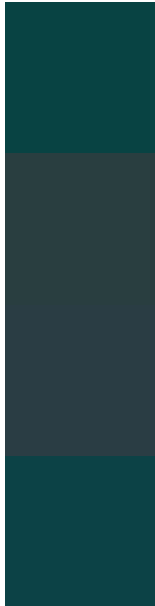
60.1510, 4.3626, 0.7446



Tritanopia

51.1360, 10.2860, -32.5683

Trichromacy



Original Color

49.3590, 8.6970, -36.2718

Protanomaly

55.9490, 3.9691, -13.1103

Deuteranomaly

56.1170, 5.8583, -12.3806

Tritanomaly

50.3100, 9.7072, -33.5979

Monochromacy



Original Color

49.3590, 8.6970, -36.2718

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.4220, 3.2430, -13.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3590, 8.6970, -36.2718 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(8, 67, 67)` looks like.

```
.text, #text, p{  
    color:rgb(8, 67, 67)  
}
```

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(8, 67, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 67, 67) }
```

Border

The CSS property to change the border of an element to YUV 49.3590, 8.6970, -36.2718 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(8, 67, 67) }
```


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

```
.border{ border-color:rgb(8, 67, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 67, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 67, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 67, 67); box-shadow:4px  
4px 4px 4px rgb(8, 67, 67) }
```

Background

The CSS property to change the background color of an element to YUV 49.3590, 8.6970, -36.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 67, 67) }
```

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

```
.background{ background-color: rgb(8, 67,  
67) }
```

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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