

Converting Colors

YUV(33.8490, 8.9484, -23.5466)

Have a look what the booklet for
YUV(33.8490, 8.9484, -23.5466)
contains.

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Color

**YUV(33.8490, 8.9484,
-23.5466)**

Conversions

Conversions Part 1

Format	Color
Hex	072C34
RGB	7, 44, 52
RGB Percent	3%, 17%, 20%
CMY	0.9725, 0.8275, 0.7961
CMYK	0.87, 0.15, 0.00, 0.80
HSL	191°, 76%, 12%
HSV	191°, 87%, 20%
XYZ	1.6081, 2.0945, 3.5683
YIQ	33.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

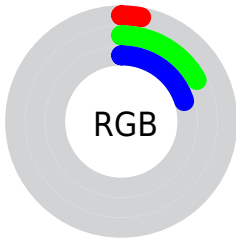
Format	Color
RYB	7, 27, 52
Decimal	470068
CIELab	15.98, -9.46, -8.87
CIELCh	16, 12.973, 223.152
Yxy	2.0945, 0.2212, 0.2881
Android (android.graphics.Color)	4278660148 (0xFF072C34)
YUV	33.8490, 8.9484, -23.5466
Hunter-Lab	14.4723, -5.4918, -4.4881

Details

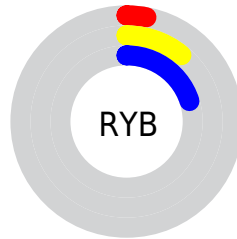
The YUV color **33.8490, 8.9484, -23.5466** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25.1510, -8.9484, 23.5466**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.0450, 8.3588, -21.0875**, and **0.5700, 2.1840, -0.4999** is the 20% darker color. If you saturate the color by 10%, you get **31.7670, 9.9749, -26.1057**, and if you desaturate by 10%, it is **35.9310, 7.9220, -20.9875**.

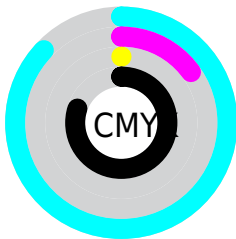
Distribution



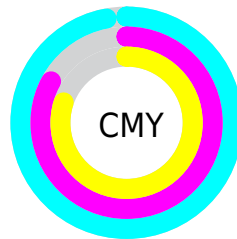
- Red (3%)
- Green (17%)
- Blue (20%)



- Red (3%)
- Yellow (11%)
- Blue (20%)



- Cyan (87%)
- Magenta (15%)
- Yellow (0%)
- Black (80%)



- Cyan (97%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.8490, 8.9484, -23.5466 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 33.8490, 8.9484, -23.5466 by changing the saturation by 10% instead.

■ 33.8490, 8.9484,
-23.5466

■ 33.8490, 8.9484,
-23.5466

■ 251.1130, 1.9163,
-7.9921

■ 17.6220, 6.5954,
-15.4545

■ 81.0450, 8.3588,
-21.0875

■ 0.5700, 2.1840,
-0.4999

■ 105.1590, 8.7956,
-21.1874

■ 0.0000, 0.0000,
0.0000

■ 130.8600, 8.9430,
-21.8022

■ 156.9740, 9.3798,
-21.9022

■ 183.6750, 9.5272,
-22.5170

■ 211.6750, 9.5272,

-22.5170

■ 239.8060, 7.4906,
-22.6319

■ 33.8490, 8.9484,
-23.5466

■ 33.8490, 8.9484,
-23.5466

■ 31.7670, 9.9749,
-26.1057

■ 35.9310, 7.9220,
-20.9875

■ 31.1690, 10.2697,
-27.3352

■ 38.0130, 6.8956,
-18.4284

■ 40.3940, 5.7218,
-15.2545

■ 42.4760, 4.6953,
-12.6955

■ 44.5580, 3.6689,
-10.1364

■ 46.6400, 2.6425,
-7.5773

■ 48.1350, 1.9054,
-4.5034

■ 50.5160, 0.7316,
-1.3295

■ 52.5980, -0.2948,
1.2296

Harmonies

Analogous

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



34.1220, 4.8699, -22.0320



33.8490, 8.9484, -23.5466



36.5340, 10.0897, -16.2543

Triad

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



33.8490, 8.9484, -23.5466



40.6470, 2.1460, 11.7106



38.5460, -8.1572, 3.0292

Complementary

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



33.8490, 8.9484, -23.5466



25.1510, -8.9484, 23.5466

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.



39.1770, -8.4683, 9.4918



33.8490, 8.9484, -23.5466



40.8170, -2.3748, 15.0695

Square

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



33.8490, 8.9484, -23.5466



40.9280, 5.9515, 4.4481



39.8940, -5.8637, 14.1250



37.7730, -5.8041, -5.0629

Rectangle

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



33.8490, 8.9484, -23.5466



38.4640, 9.6312, -9.1769



39.8940, -5.8637, 14.1250



38.7420, -8.7468, 5.4883

Sweetspot

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



33.8490, 8.9484, -23.5466



61.8570, 3.5215, -9.5216



34.2130, -9.9650, -23.8658



31.5370, 2.2003, -5.7329



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



33.8490, 8.9484, -23.5466



41.3250, 13.6438, -36.2420



20.9350, 15.3150, -12.2210



24.5160, 0.7316, -1.3295



52.9970, 17.7495, -46.4784



129.2240, 43.2736, -113.3294

Inverse Universe

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



24.6730, 9.5282, 23.9658



27.1290, 14.7264, 36.7209



38.0650, -15.3150, 12.2210



24.1250, 0.4314, 1.6444



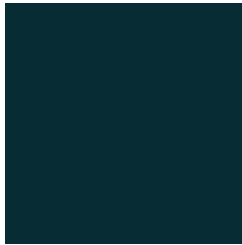
34.9330, 18.7670, 47.4168



85.1750, 45.7627, 115.6105

Previews

White Background



This preview shows how the YUV color 33.8490, 8.9484, -23.5466 looks on a white background.

Color Contrast Check

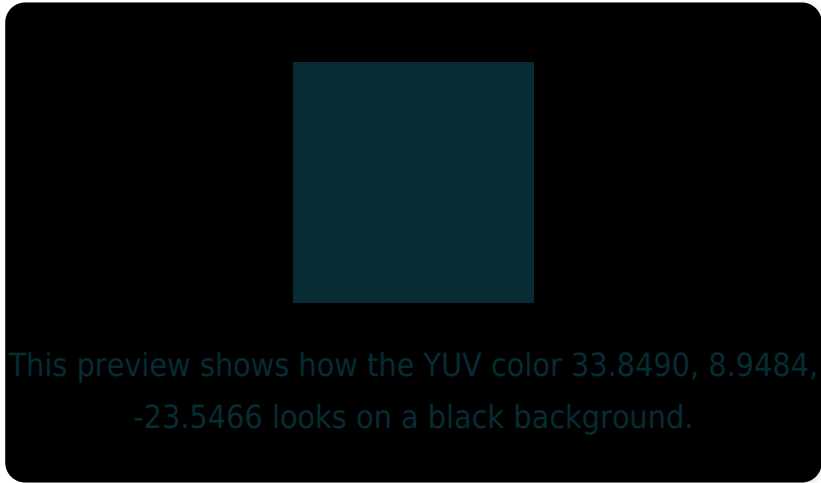
Large Text (above 18pt) WCAG AA ✓ Pass

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

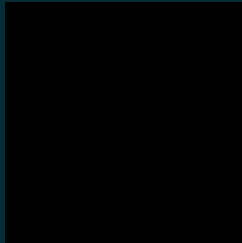
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

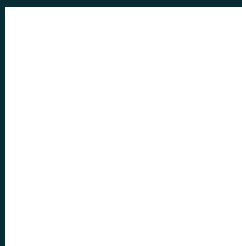
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 33.8490, 8.9484, -23.5466

Background



This preview shows how black text looks on a background with the YUV color 33.8490, 8.9484, -23.5466.



This preview shows how white text looks on a background with the YUV color 33.8490, 8.9484, -23.5466.

-23.5466.

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

33.8490, 8.9484, -23.5466

Protanopia

40.4280, 4.2260, -2.1294

Deuteranopia

39.9980, 6.4100, -2.6292



Tritanopia

31.8870, 7.9437, -27.9649

Trichromacy



Original Color

33.8490, 8.9484, -23.5466

Protanomaly

37.8400, 5.9949, -9.5067

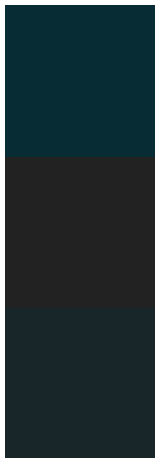
Deuteranomaly

37.8830, 7.4527, -10.4214

Tritanomaly

32.8980, 7.9383, -26.2205

Monochromacy



Original Color

33.8490, 8.9484, -23.5466

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.1560, 3.3741, -8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.8490, 8.9484, -23.5466 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(7, 44, 52)` looks like.

```
.text, #text, p{  
    color:rgb(7, 44, 52)  
}
```

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(7, 44, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 44, 52) }
```

Border

The CSS property to change the border of an element to YUV 33.8490, 8.9484, -23.5466 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(7, 44, 52) }
```


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

```
.border{ border-color:rgb(7, 44, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 44, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 44, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 44, 52); box-shadow:4px  
4px 4px 4px rgb(7, 44, 52) }
```

Background

The CSS property to change the background color of an element to YUV 33.8490, 8.9484, -23.5466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 44, 52) }
```

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

```
.background{ background-color: rgb(7, 44,  
52) }
```

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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