

Converting Colors

YUV(93.4340, -1.6930, -17.0436)

Have a look what the booklet for
YUV(93.4340, -1.6930, -17.0436)
contains.

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Color

**YUV(93.4340, -1.6930,
-17.0436)**

Conversions

Conversions Part 1

Format	Color
Hex	4A685A
RGB	74, 104, 90
RGB Percent	29%, 41%, 35%
CMY	0.7098, 0.5922, 0.6471
CMYK	0.29, 0.00, 0.13, 0.59
HSL	152°, 17%, 35%
HSV	152°, 29%, 41%
XYZ	9.6198, 12.0947, 11.5003
YIQ	93.4340, -13.3860, -10.7140

Conversions

Conversions Part 2

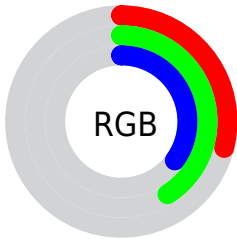
Format	Color
RYB	74, 94, 104
Decimal	4876378
CIELab	41.37, -14.26, 4.37
CIELCh	41, 14.909, 162.966
Yxy	12.0947, 0.2896, 0.3641
Android (android.graphics.Color)	4283066458 (0xFF4A685A)
YUV	93.4340, -1.6930, -17.0436
Hunter-Lab	34.7774, -11.4853, 4.7379

Details

The YUV color $93.4340, -1.6930, -17.0436$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $84.5660, 1.6930, 17.0436$, and the grayscale version is $93.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $143.7220, -1.8349, -18.1732$, and $46.8470, -1.4036, -16.5288$ is the 20% darker color. If you saturate the color by 10%, you get $89.8740, -2.4029, -22.6915$, and if you desaturate by 10%, it is $96.9940, -0.9830, -11.3957$.

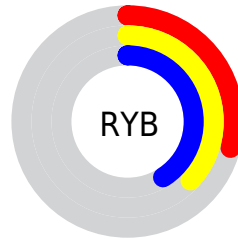
Distribution



Red (29%)

Green (41%)

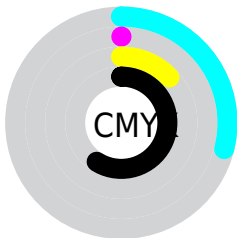
Blue (35%)



Red (29%)

Yellow (37%)

Blue (41%)

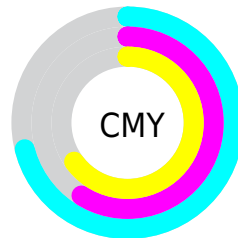


Cyan (29%)

Magenta (0%)

Yellow (13%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4340, -1.6930, -17.0436 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 93.4340, -1.6930, -17.0436 by changing the saturation by 10% instead.

■ 93.4340, -1.6930,
-17.0436

■ 93.4340, -1.6930,
-17.0436

■ 255.0000, 0.0000,
0.0000

■ 69.8470, -1.4036,
-16.5288

■ 143.7220, -1.8349,
-18.1732

■ 46.8470, -1.4036,
-16.5288

■ 170.6080, -2.2717,
-18.0732

■ 25.0750, -0.5300,
-16.7288

■ 198.0100, -1.9769,
-19.3028

■ 5.2830, -2.6045,
-4.6332

■ 225.8960, -2.4137,
-19.2028

■ 0.0000, 0.0000,
0.0000

■ 247.5530, 1.2064,
-13.6400

■ 93.4340, -1.6930,
-17.0436

■ 93.4340, -1.6930,
-17.0436

■ 89.8740, -2.4029,
-22.6915

■ 96.9940, -0.9830,
-11.3957

■ 86.0150, -2.9654,
-28.9542

■ 100.8530, -0.4205,
-5.1331

■ 82.4550, -3.6753,
-34.6020

■ 104.4130, 0.2894,
0.5148

■ 78.7100, -3.8010,
-40.9647

■ 108.1580, 0.4151,
6.8774

■ 75.1500, -4.5109,
-46.6125

■ 111.7180, 1.1250,
12.5253

■ 71.5900, -5.2209,
-52.2604

■ 115.2780, 1.8349,
18.1732

■ 67.7310, -5.7834,
-58.5231

■ 119.1370, 2.3975,
24.4359

■ 67.3180, -6.0728,

■ 122.6970, 3.1074,

-59.0379

30.0837

■ 126.5560, 3.6699,
36.3464

Harmonies

Analogous

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



94.8930, -7.8352, -6.9222



93.4340, -1.6930, -17.0436



92.8120, 5.0227, -24.3911

Triad

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



93.4340, -1.6930, -17.0436



97.6430, 11.5150, -6.7029



98.8300, -8.7902, 19.4431

Complementary

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



93.4340, -1.6930, -17.0436



84.5660, 1.6930, 17.0436

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.



99.6220, -3.2646, 20.5025



93.4340, -1.6930, -17.0436



99.5090, 8.1301, 5.6926

Square

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



93.4340, -1.6930, -17.0436



95.2070, 12.7159, -18.5985



100.0820, 2.4246, 15.7141



97.4010, -11.5367, 13.6803

Rectangle

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



93.4340, -1.6930, -17.0436



92.4250, 8.6645, -25.8057



100.0820, 2.4246, 15.7141



98.9980, -6.9010, 20.1728

Sweetspot

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



93.4340, -1.6930, -17.0436



130.7280, -0.8519, -6.7775



95.7960, -10.7454, -6.8371



66.1520, -0.5679, -4.5183



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



93.4340, -1.6930, -17.0436



118.4390, -2.6814, -26.6950



94.4430, 4.7116, -17.9285



49.2770, -0.1366, -2.8739



74.4590, -6.6353, -65.3005



156.7600, -13.6857, -137.4785

Inverse Universe

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



84.5660, 1.6930, 17.0436



104.5610, 2.6814, 26.6950



83.5570, -4.7116, 17.9285



47.7230, 0.1366, 2.8739



40.5410, 6.6353, 65.3005



85.2400, 13.6857, 137.4785

Previews

White Background



This preview shows how the YUV color 93.4340, -1.6930, -17.0436 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 × Fail

Black Background



This preview shows how the YUV color 93.4340, -1.6930, -17.0436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

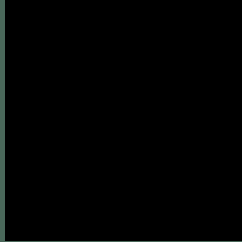
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4340, -1.6930, -17.0436

Background



This preview shows how black text looks on a background with the YUV color 93.4340, -1.6930, -17.0436.



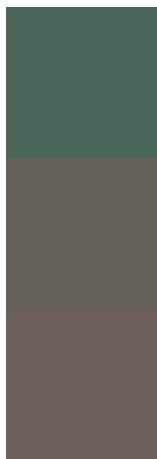
This preview shows how white text looks on a background with the YUV color 93.4340, -1.6930, -17.0436.

-17.0436.

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

93.4340, -1.6930, -17.0436

Protanopia

97.2410, -5.5418, 4.1736

Deuteranopia

98.2570, -3.0847, 9.4216



Tritanopia

95.0350, 6.8847, -14.9397

Trichromacy



Original Color

93.4340, -1.6930, -17.0436

Protanomaly

96.1260, -4.4991, -3.6185

Deuteranomaly

96.6040, -2.7628, -0.5297

Tritanomaly

94.5250, 3.6852, -15.3694

Monochromacy



Original Color

93.4340, -1.6930, -17.0436

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1410, -0.5625, -6.2627

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4340, -1.6930, -17.0436 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(74, 104, 90)` looks like.

```
.text, #text, p{  
    color:rgb(74, 104, 90)  
}
```

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(74, 104, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 104, 90) }
```

Border

The CSS property to change the border of an element to YUV 93.4340, -1.6930, -17.0436 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(74, 104, 90) }
```


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

```
.border{ border-color:rgb(74, 104, 90) }
```

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

Here you see how a box with a 4 pixel rgb(74, 104, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 104, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 104, 90);  
box-shadow:4px 4px 4px 4px rgb(74, 104,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 93.4340, -1.6930, -17.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 104, 90) }
```

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

```
.background{ background-color: rgb(74, 104,  
90) }
```

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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