

Converting Colors

YUV(97.1670, -3.5333, -33.4725)

Have a look what the booklet for
YUV(97.1670, -3.5333, -33.4725)
contains.

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Color

**YUV(97.1670, -3.5333,
-33.4725)**

Conversions

Conversions Part 1

Format	Color
Hex	3B765A
RGB	59, 118, 90
RGB Percent	23%, 46%, 35%
CMY	0.7686, 0.5373, 0.6471
CMYK	0.50, 0.00, 0.24, 0.54
HSL	152°, 33%, 35%
HSV	152°, 50%, 46%
XYZ	10.1275, 14.6249, 11.9620
YIQ	97.1670, -26.1760, -21.2160

Conversions

Conversions Part 2

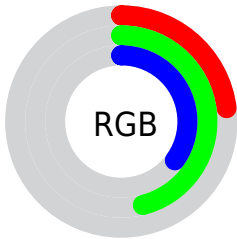
Format	Color
RYB	59, 98, 118
Decimal	3896922
CIELab	45.12, -26.39, 9.58
CIELCh	45, 28.076, 160.039
Yxy	14.6249, 0.2758, 0.3983
Android (android.graphics.Color)	4282087002 (0xFF3B765A)
YUV	97.1670, -3.5333, -33.4725
Hunter-Lab	38.2425, -19.6532, 8.2242

Details

The YUV color **97.1670, -3.5333, -33.4725** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **79.8330, 3.5333, 33.4725**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2270, -4.5489, -34.4021**, and **46.1170, -1.0437, -38.6906** is the 20% darker color. If you saturate the color by 10%, you get **92.8950, -4.3852, -40.2499**, and if you desaturate by 10%, it is **101.4390, -2.6814, -26.6950**.

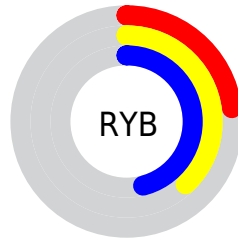
Distribution



Red (23%)

Green (46%)

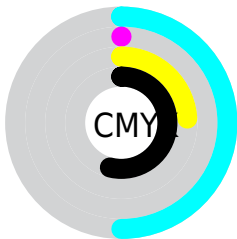
Blue (35%)



Red (23%)

Yellow (38%)

Blue (46%)

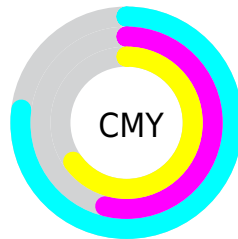


Cyan (50%)

Magenta (0%)

Yellow (24%)

Black (54%)



Cyan (77%)

Magenta (54%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.1670, -3.5333, -33.4725 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 97.1670, -3.5333, -33.4725 by changing the saturation by 10% instead.

■ 97.1670, -3.5333,
-33.4725

■ 97.1670, -3.5333,
-33.4725

■ 255.0000, 0.0000,
0.0000

■ 72.0960, -2.5123,
-34.2872

■ 149.2270, -4.5489,
-34.4021

■ 46.1170, -1.0437,
-38.6906

■ 176.1130, -4.9857,
-34.3021

■ 29.7380, -2.8288,
-26.0802

■ 203.8140, -4.8383,
-34.9169

■ 15.2620, -7.5242,
-13.3848

■ 232.1020, -4.9803,
-36.0465

■ 0.0000, 0.0000,
0.0000

■ 243.9650, 2.9753,
-21.0173

■ 253.2060, 0.8844,

-3.6887

■ 97.1670, -3.5333,
-33.4725

■ 97.1670, -3.5333,
-33.4725

■ 92.8950, -4.3852,
-40.2499

■ 101.4390, -2.6814,
-26.6950

■ 88.7370, -4.8003,
-47.1273

■ 105.5970, -2.2663,
-19.8176

■ 84.7640, -5.7997,
-53.2900

■ 109.5700, -1.2670,
-13.6549

■ 80.6060, -6.2148,
-60.1675

■ 113.7280, -0.8519,
-6.7775

■ 76.3340, -7.0667,
-66.9449

■ 118.0000, 0.0000,
0.0000

■ 122.2720, 0.8519,
6.7775

■ 126.4300, 1.2670,
13.6549

■ 130.4030, 2.2663,
19.8176

■ 134.5610, 2.6814,
26.6950

Harmonies

Analogous

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



101.5090, -15.5339, -10.9704



97.1670, -3.5333, -33.4725



88.8290, 12.4093, -60.3630

Triad

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



97.1670, -3.5333, -33.4725



105.0790, 23.6251, -17.6093



107.4470, -14.5174, 36.4420

Complementary

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



97.1670, -3.5333, -33.4725



79.8330, 3.5333, 33.4725

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.



108.5040, -4.1925, 38.1460



97.1670, -3.5333, -33.4725



109.7080, 16.4130, 9.0261

Square

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



97.1670, -3.5333, -33.4725



96.5760, 26.3380, -47.8632



109.8970, 6.4598, 28.1543



106.2470, -21.3208, 25.2164

Rectangle

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



97.1670, -3.5333, -33.4725



84.5590, 21.9094, -74.1582



109.8970, 6.4598, 28.1543



107.6690, -11.1758, 38.0013

Sweetspot

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



97.1670, -3.5333, -33.4725



144.8690, -1.4144, -13.0401



102.3040, -21.3489, -12.5446



72.0160, -0.9939, -7.9070



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



97.1670, -3.5333, -33.4725



120.4760, -5.6577, -52.1605



99.7720, 8.9864, -35.7570



56.8640, -0.4260, -3.3887



78.9100, -7.3506, -69.2041



161.6840, -15.1272, -141.7969

Inverse Universe

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



79.8330, 3.5333, 33.4725



93.5240, 5.6577, 52.1605



77.2280, -8.9864, 35.7570



55.1360, 0.4260, 3.3887



43.0900, 7.3506, 69.2041



88.3160, 15.1272, 141.7969

Previews

White Background



This preview shows how the YUV color 97.1670, -3.5333, -33.4725 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 97.1670, -3.5333, -33.4725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

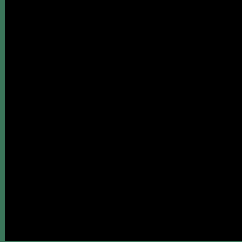
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.1670, -3.5333, -33.4725

Background



This preview shows how black text looks on a background with the YUV color 97.1670, -3.5333, -33.4725.



This preview shows how white text looks on a background with the YUV color 97.1670, -3.5333,

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

97.1670, -3.5333, -33.4725

Protanopia

105.5850, -10.6414, 6.5030

Deuteranopia

106.6550, -6.7319, 12.5806



Tritanopia

101.2720, 10.7119, -29.1795

Trichromacy



Original Color

97.1670, -3.5333, -33.4725

Protanomaly

102.1810, -7.9772, -8.0517

Deuteranomaly

103.1860, -5.5147, -4.5481

Tritanomaly

99.5940, 5.6232, -30.3389

Monochromacy



Original Color

97.1670, -3.5333, -33.4725

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1680, -1.5618, -12.4253

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.1670, -3.5333, -33.4725 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(59, 118, 90)` looks like.

```
.text, #text, p{  
    color:rgb(59, 118, 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(59, 118, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 118, 90) }
```

Border

The CSS property to change the border of an element to YUV 97.1670, -3.5333, -33.4725 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(59, 118, 90) }
```


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

```
.border{ border-color:rgb(59, 118, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 118, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 118, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 118, 90);  
box-shadow:4px 4px 4px 4px rgb(59, 118,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 97.1670, -3.5333, -33.4725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 118, 90) }
```

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

```
.background{ background-color: rgb(59, 118,  
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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