

Converting Colors

YUV(119.3560, -33.6995,
-17.8522)

Have a look what the booklet for
YUV(119.3560, -33.6995, -17.8522)
contains.

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Color

**YUV(119.3560, -33.6995,
-17.8522)**

Conversions

Conversions Part 1

Format	Color
Hex	638F33
RGB	99, 143, 51
RGB Percent	39%, 56%, 20%
CMY	0.6118, 0.4392, 0.8000
CMYK	0.31, 0.00, 0.64, 0.44
HSL	89°, 47%, 38%
HSV	89°, 64%, 56%
XYZ	15.5656, 22.5366, 6.6616
YIQ	119.3560, 3.3080, -37.9400

Conversions

Conversions Part 2

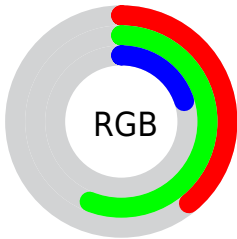
Format	Color
RYB	51, 143, 95
Decimal	6524723
CIELab	54.59, -30.72, 42.90
CIELCh	55, 52.766, 125.604
Yxy	22.5366, 0.3477, 0.5035
Android (android.graphics.Color)	4284714803 (0xFF638F33)
YUV	119.3560, -33.6995, -17.8522
Hunter-Lab	47.4727, -24.5498, 24.9111

Details

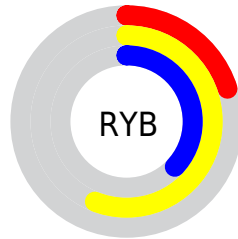
The YUV color **119.3560, -33.6995, -17.8522** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **74.6440, 33.6995, 17.8522**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0140, -35.0099, -17.5523**, and **68.0570, -33.5521, -18.4670** is the 20% darker color. If you saturate the color by 10%, you get **115.6670, -38.7828, -20.7560**, and if you desaturate by 10%, it is **123.0450, -28.6162, -14.9485**.

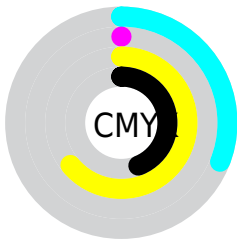
Distribution



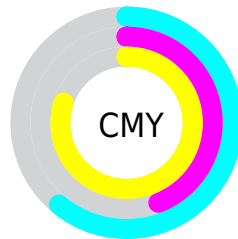
- Red (39%)
- Green (56%)
- Blue (20%)



- Red (20%)
- Yellow (56%)
- Blue (37%)



- Cyan (31%)
- Magenta (0%)
- Yellow (64%)
- Black (44%)



- Cyan (61%)
- Magenta (44%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3560, -33.6995, -17.8522 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 119.3560, -33.6995, -17.8522 by changing the saturation by 10% instead.

■ 119.3560,
-33.6995, -17.8522

■ 119.3560,
-33.6995, -17.8522

■ 255.0000, 0.0000,
0.0000

■ 93.3560, -33.6995,
-17.8522

■ 173.0140,
-35.0099, -17.5523

■ 68.0570, -33.5521,
-18.4670

■ 200.4870,
-35.7361, -17.9671

■ 46.4940, -22.9215,
-21.4812

■ 229.1450,
-37.0465, -17.6672

■ 27.0020, -13.3120,
-23.6808

■ 241.2960,
-29.2329, -3.7676

■ 14.6750, -7.2348,
-12.8700

■ 249.8700,
-19.6559, 4.4990

■ 0.0000, 0.0000,
0.0000

■ 253.1760, -6.9888,

1.5996

■ 119.3560,
-33.6995, -17.8522

■ 119.3560,
-33.6995, -17.8522

■ 115.6670,
-38.7828, -20.7560

■ 123.0450,
-28.6162, -14.9485

■ 111.8640,
-44.3030, -23.5597

■ 126.8480,
-23.0961, -12.1447

■ 108.1750,
-49.3863, -26.4635

■ 130.5370,
-18.0127, -9.2409

■ 106.3660,
-52.4384, -27.5080

■ 133.9270,
-12.7820, -6.9520

■ 137.7300, -7.2619,
-4.1482

■ 141.4190, -2.1786,
-1.2445

■ 145.1080, 2.9048,
1.6593

■ 148.7970, 7.9881,
4.5630

■ 152.6000, 13.5082,
7.3668

Harmonies

Analogous

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



124.2700, -46.4751, 19.9342



119.3560, -33.6995, -17.8522



98.7230, -3.8074, -85.7031

Triad

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



119.3560, -33.6995, -17.8522



109.3970, 51.0763, -95.9412



129.4790, -2.7011, 73.2479

Complementary

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



119.3560, -33.6995, -17.8522



74.6440, 33.6995, 17.8522

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.



133.3250, 17.5878, 52.3350



119.3560, -33.6995, -17.8522



116.5350, 51.9942, -63.6132

Square

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



119.3560, -33.6995, -17.8522



109.4990, 36.2360, -96.0306



133.9310, 35.0370, 8.8305



128.2510, -23.7877, 69.9399

Rectangle

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



119.3560, -33.6995, -17.8522



103.1320, 9.3019, -90.4468



133.9310, 35.0370, 8.8305



130.5800, 4.1511, 68.7743

Sweetspot

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



119.3560, -33.6995, -17.8522



176.9270, -12.7820, -6.9520



103.7490, -26.0053, 34.4231



88.6160, -7.6987, -4.0482



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.3560, -33.6995, -17.8522



149.3660, -52.4384, -27.5080



105.9010, -27.0662, -45.5172



69.3050, -2.6154, -1.1445



100.4740, -49.5337, -25.8487



5.8920, -2.9048, -1.6593

Inverse Universe

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



74.6440, 33.6995, 17.8522



79.6340, 52.4384, 27.5080



88.0990, 27.0662, 45.5172



65.9940, 2.4680, 1.7593



34.8250, 49.3863, 26.4635



2.1080, 2.9048, 1.6593

Previews

White Background



This preview shows how the YUV color 119.3560, -33.6995, -17.8522 looks on a white 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

Black Background



This preview shows how the YUV color 119.3560, -33.6995, -17.8522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

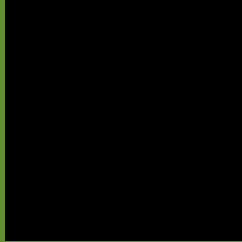
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.3560, -33.6995, -17.8522 Background



This preview shows how black text looks on a background with the YUV color 119.3560, -33.6995, -17.8522.



This preview shows how white text looks on a background with the YUV color 119.3560, -33.6995, -17.8522.

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

119.3560, -33.6995, -17.8522

Protanopia

125.0230, -38.4653, 17.5198

Deuteranopia

127.4250, -34.7195, 29.4453



Tritanopia

128.6760, 8.0477, -14.6249

Trichromacy



Original Color

119.3560, -33.6995, -17.8522

Protanomaly

122.9890, -36.9696, 4.3946

Deuteranomaly

124.4290, -34.2285, 11.9018

Tritanomaly

125.0660, -6.9345, -15.8439

Monochromacy



Original Color

119.3560, -33.6995, -17.8522

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3400, -12.4926, -6.4372

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3560, -33.6995, -17.8522 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(99, 143, 51)` looks like.

```
.text, #text, p{  
    color:rgb(99, 143, 51)  
}
```

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(99, 143, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 143, 51) }
```

Border

The CSS property to change the border of an element to YUV 119.3560, -33.6995, -17.8522 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(99, 143, 51) }
```


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

```
.border{ border-color:rgb(99, 143, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 143, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 143, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 143, 51);  
box-shadow:4px 4px 4px 4px rgb(99, 143,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 119.3560, -33.6995, -17.8522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 143, 51) }
```

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

```
.background{ background-color: rgb(99, 143,  
51) }
```

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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