

Converting Colors

YUV(123.4330, -16.9755,
-15.2887)

Have a look what the booklet for
YUV(123.4330, -16.9755, -15.2887)
contains.

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Color

**YUV(123.4330, -16.9755,
-15.2887)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8B59
RGB	106, 139, 89
RGB Percent	42%, 55%, 35%
CMY	0.5843, 0.4549, 0.6510
CMYK	0.24, 0.00, 0.36, 0.45
HSL	100°, 22%, 45%
HSV	100°, 36%, 55%
XYZ	16.9796, 22.2507, 12.8511
YIQ	123.4330, -3.6180, -22.5460

Conversions

Conversions Part 2

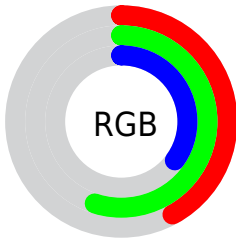
Format	Color
R_{YB}	89, 139, 122
Decimal	6982489
CIE _{Lab}	54.29, -21.38, 23.09
CIE _{LCh}	54, 31.469, 132.803
Yxy	22.2507, 0.3260, 0.4272
Android (android.graphics.Color)	4285172569 (0xFF6A8B59)
YUV	123.4330, -16.9755, -15.2887
Hunter-Lab	47.1706, -18.2953, 16.8666

Details

The YUV color **123.4330, -16.9755, -15.2887** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **104.5670, 16.9755, 15.2887**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3790, -18.4278, -16.1184**, and **74.0740, -15.8125, -14.9739** is the 20% darker color. If you saturate the color by 10%, you get **119.1460, -21.7640, -19.4220**, and if you desaturate by 10%, it is **127.7200, -12.1870, -11.1554**.

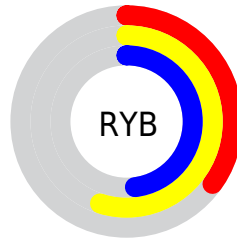
Distribution



Red (42%)

Green (55%)

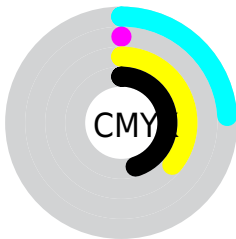
Blue (35%)



Red (35%)

Yellow (55%)

Blue (48%)

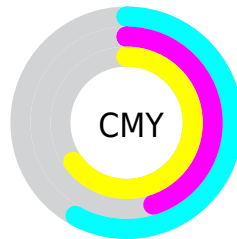


Cyan (24%)

Magenta (0%)

Yellow (36%)

Black (45%)



Cyan (58%)

Magenta (45%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.4330, -16.9755, -15.2887 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 123.4330, -16.9755, -15.2887 by changing the saturation by 10% instead.

■ 123.4330,
-16.9755, -15.2887

■ 123.4330,
-16.9755, -15.2887

■ 255.0000, 0.0000,
0.0000

■ 97.9600, -16.2493,
-14.8739

■ 176.3790,
-18.4278, -16.1184

■ 74.0740, -15.8125,
-14.9739

■ 203.9660,
-18.7172, -16.6332

■ 50.7150, -14.6495,
-14.6591

■ 231.8520,
-19.1540, -16.5332

■ 29.1280, -14.3601,
-14.1443

■ 247.2370,
-12.9348, -4.5928

■ 14.0880, -6.9454,
-12.3552

■ 254.4300, -2.1840,
0.4999

■ 0.0000, 0.0000,
0.0000

■ 123.4330,
-16.9755, -15.2887

■ 123.4330,
-16.9755, -15.2887

■ 119.1460,
-21.7640, -19.4220

■ 127.7200,
-12.1870, -11.1554

■ 114.8590,
-26.5525, -23.5553

■ 132.0070, -7.3985,
-7.0221

■ 110.2730,
-31.1936, -28.3034

■ 136.5930, -2.7573,
-2.2741

■ 105.9860,
-35.9821, -32.4367

■ 140.8800, 2.0312,
1.8592

■ 101.8130,
-40.3338, -36.6700

■ 145.0530, 6.3829,
6.0925

■ 97.5260, -45.1223,
-40.8033

■ 149.3400, 11.1714,
10.2258

■ 95.6460, -47.1535,
-42.6625

■ 153.6270, 15.9599,
14.3591

■ 157.9140, 20.7484,

18.4924

■ 162.5000, 25.3895,
23.2405

Harmonies

Analogous

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



126.8120, -25.0503, 8.0579



123.4330, -16.9755, -15.2887



118.0520, -2.4906, -41.2646

Triad

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



123.4330, -16.9755, -15.2887



119.2920, 30.4220, -51.1221



132.2660, -6.5401, 44.4937

Complementary

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



123.4330, -16.9755, -15.2887



104.5670, 16.9755, 15.2887

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.



133.6420, 6.5855, 34.5170



123.4330, -16.9755, -15.2887



129.1760, 26.5352, -17.6944

Square

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



123.4330, -16.9755, -15.2887



103.7730, 30.6779, -86.6239



133.4850, 18.0019, 12.7297



130.8560, -18.1700, 41.3453

Rectangle

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



123.4330, -16.9755, -15.2887



113.0310, 9.3517, -59.6632



133.4850, 18.0019, 12.7297



132.6940, -2.3141, 42.3644

Sweetspot

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



123.4330, -16.9755, -15.2887



174.8330, -6.8197, -5.9925



123.3210, -16.9203, 13.7505



88.2400, -4.0623, -3.7185



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



123.4330, -16.9755, -15.2887



156.8590, -26.5525, -23.5553



119.1480, -11.4120, -26.4398



66.7070, -2.3206, -2.3740



91.5260, -45.1223, -40.8033



3.5330, -1.7418, -1.3444

Inverse Universe

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



104.5670, 16.9755, 15.2887



127.4400, 26.4051, 24.1701



108.8520, 11.4120, 26.4398



64.2930, 2.3206, 2.3740



41.4740, 45.1223, 40.8033



1.4670, 1.7418, 1.3444

Previews

White Background



This preview shows how the YUV color 123.4330, -16.9755, -15.2887 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 123.4330, -16.9755, -15.2887 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 123.4330, -16.9755, -15.2887 Background



This preview shows how black text looks on a background with the YUV color 123.4330, -16.9755, -15.2887.



This preview shows how white text looks on a background with the YUV color 123.4330, -16.9755, -15.2887.

-15.2887.

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

123.4330, -16.9755, -15.2887

Protanopia

127.5720, -20.9880, 11.7764

Deuteranopia

129.3220, -18.3997, 21.6426



Tritanopia

128.1710, 7.3107, -11.5510

Trichromacy



Original Color

123.4330, -16.9755, -15.2887

Protanomaly

126.1470, -19.7925, 1.6251

Deuteranomaly

127.0600, -17.7776, 8.7174

Tritanomaly

126.7550, -1.8512, -12.9401

Monochromacy



Original Color

123.4330, -16.9755, -15.2887

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3600, -6.0935, -5.5777

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4330, -16.9755, -15.2887 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(106, 139, 89)` looks like.

```
.text, #text, p{  
    color:rgb(106, 139, 89)  
}
```

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(106, 139, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 139, 89) }
```

Border

The CSS property to change the border of an element to YUV 123.4330, -16.9755, -15.2887 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(106, 139, 89) }
```


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

```
.border{ border-color:rgb(106, 139, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 139, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 139, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 139, 89);  
box-shadow:4px 4px 4px 4px rgb(106, 139,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 123.4330, -16.9755, -15.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 139, 89) }
```

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

```
.background{ background-color: rgb(106,  
139, 89) }
```

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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