

Converting Colors

YUV(133.0960, -5.9633,
-47.4422)

Have a look what the booklet for
YUV(133.0960, -5.9633, -47.4422)
contains.

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Color

**YUV(133.0960, -5.9633,
-47.4422)**

Conversions

Conversions Part 1

Format	Color
Hex	4FA379
RGB	79, 163, 121
RGB Percent	31%, 64%, 47%
CMY	0.6902, 0.3608, 0.5255
CMYK	0.52, 0.00, 0.26, 0.36
HSL	150°, 35%, 47%
HSV	150°, 52%, 64%
XYZ	19.7728, 29.2371, 22.6904
YIQ	133.0960, -36.5820, -30.8700

Conversions

Conversions Part 2

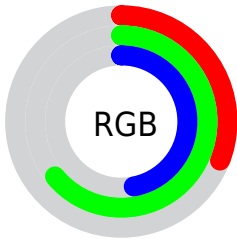
Format	Color
RYB	79, 135, 163
Decimal	5219193
CIELab	60.99, -35.59, 14.17
CIElCh	61, 38.306, 158.293
Yxy	29.2371, 0.2758, 0.4078
Android (android.graphics.Color)	4283409273 (0xFF4FA379)
YUV	133.0960, -5.9633, -47.4422
Hunter-Lab	54.0714, -29.3510, 12.9697

Details

The YUV color **133.0960, -5.9633, -47.4422** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **108.9040, 5.9633, 47.4422**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7540, -7.2737, -47.1423**, and **78.4480, -3.1789, -53.8899** is the 20% darker color. If you saturate the color by 10%, you get **127.4000, -7.0992, -56.4788**, and if you desaturate by 10%, it is **138.7920, -4.8275, -38.4056**.

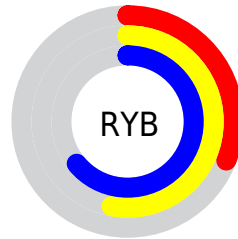
Distribution



Red (31%)

Green (64%)

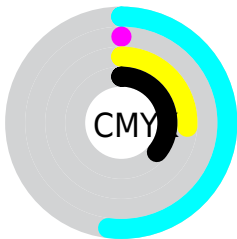
Blue (47%)



Red (31%)

Yellow (53%)

Blue (64%)

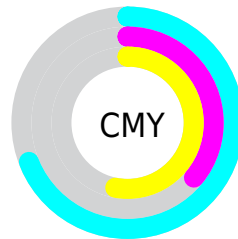


Cyan (52%)

Magenta (0%)

Yellow (26%)

Black (36%)



Cyan (69%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0960, -5.9633, -47.4422 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 133.0960, -5.9633, -47.4422 by changing the saturation by 10% instead.

■ 133.0960, -5.9633,
-47.4422

■ 133.0960, -5.9633,
-47.4422

■ 255.0000, 0.0000,
0.0000

■ 106.0250, -4.9423,
-48.2569

■ 187.7540, -7.2737,
-47.1423

■ 78.4480, -3.1789,
-53.8899

■ 216.0420, -7.4157,
-48.2718

■ 56.1820, -3.0477,
-49.2716

■ 232.6010, -1.7753,
-37.3611

■ 39.5860, -5.7119,
-34.7169

■ 243.9370, 5.4541,
-22.7467

■ 23.9360, -9.8284,
-20.9919

■ 252.9070, 1.0318,
-4.3034

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,

0.0000

■ 133.0960, -5.9633,
-47.4422

■ 133.0960, -5.9633,
-47.4422

■ 127.4000, -7.0992,
-56.4788

■ 138.7920, -4.8275,
-38.4056

■ 121.4050, -8.0877,
-66.1302

■ 144.7870, -3.8390,
-28.7542

■ 115.7090, -9.2235,
-75.1668

■ 150.4830, -2.7031,
-19.7176

■ 109.8990,
-10.7962, -84.1034

■ 156.2930, -1.1304,
-10.7810

■ 105.0290,
-11.3533, -92.1104

■ 162.2880, -0.1420,
-1.1296

■ 167.9840, 0.9939,
7.9070

■ 173.6800, 2.1298,
16.9436

■ 179.3760, 3.2656,
25.9802

■ 185.3710, 4.2541,
35.6316

Harmonies

Analogous

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



139.5380, -22.9432, -14.5038



133.0960, -5.9633, -47.4422



114.6390, 20.3910, -100.5384

Triad

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



133.0960, -5.9633, -47.4422



143.8740, 34.5721, -28.8305



147.7650, -20.0971, 52.8261

Complementary

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



133.0960, -5.9633, -47.4422



108.9040, 5.9633, 47.4422

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.



149.6740, -5.2623, 54.6599



133.0960, -5.9633, -47.4422



150.7820, 24.2645, 10.7152

Square

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



133.0960, -5.9633, -47.4422



126.4500, 40.6972, -80.2016



151.4130, 10.6424, 39.9798



146.6200, -30.3787, 37.1673

Rectangle

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



133.0960, -5.9633, -47.4422



116.5600, 30.2899, -102.2231



151.4130, 10.6424, 39.9798



148.6280, -15.5926, 54.7002

Sweetspot

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



133.0960, -5.9633, -47.4422



200.6080, -2.2717, -18.0732



140.8660, -30.4999, -17.4225



100.1790, -1.5672, -10.6810



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



133.0960, -5.9633, -47.4422



165.0080, -9.3709, -74.5520



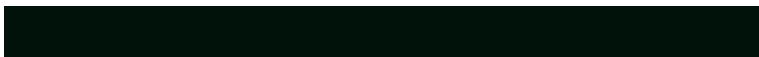
137.8840, 12.3822, -51.6413



78.8530, -0.4205, -5.1331



93.4370, -10.0754, -81.9442



11.5920, -1.2779, -10.1662

Inverse Universe

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



108.9040, 5.9633, 47.4422



126.9920, 9.3709, 74.5520



104.1160, -12.3822, 51.6413



76.2610, 0.8573, 5.0331



51.6770, 10.5122, 81.8443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 133.0960, -5.9633, -47.4422 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 133.0960, -5.9633, -47.4422 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 133.0960, -5.9633, -47.4422

Background



This preview shows how black text looks on a background with the YUV color 133.0960, -5.9633, -47.4422.



This preview shows how white text looks on a background with the YUV color 133.0960, -5.9633, -47.4422.

-47.4422.

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

133.0960, -5.9633, -47.4422

Protanopia

145.2280, -15.8884, 9.4470

Deuteranopia

147.3630, -10.5320, 18.0986



Tritanopia

138.9330, 14.8230, -41.1602

Trichromacy



Original Color

133.0960, -5.9633, -47.4422

Protanomaly

140.7200, -12.1870, -11.1554

Deuteranomaly

142.2630, -9.0037, -5.4927

Tritanomaly

136.6740, 7.5557, -43.5641

Monochromacy



Original Color

133.0960, -5.9633, -47.4422

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0210, -1.9824, -17.5584

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0960, -5.9633, -47.4422 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(79, 163, 121)` looks like.

```
.text, #text, p{  
    color:rgb(79, 163, 121)  
}
```

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(79, 163, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 163, 121) }
```

Border

The CSS property to change the border of an element to YUV 133.0960, -5.9633, -47.4422 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(79, 163, 121) }
```


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

```
.border{ border-color:rgb(79, 163, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 163, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 163, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 163, 121);  
box-shadow:4px 4px 4px 4px rgb(79, 163,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 133.0960, -5.9633, -47.4422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 163, 121) }
```

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

```
.background{ background-color: rgb(79, 163,  
121) }
```

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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