

Converting Colors

YUV(128.0980, -12.3733,
-44.8129)

Have a look what the booklet for
YUV(128.0980, -12.3733, -44.8129)
contains.

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Color

**YUV(128.0980, -12.3733,
-44.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	4D9F67
RGB	77, 159, 103
RGB Percent	30%, 62%, 40%
CMY	0.6980, 0.3765, 0.5961
CMYK	0.52, 0.00, 0.35, 0.38
HSL	139°, 35%, 46%
HSV	139°, 52%, 62%
XYZ	17.9069, 27.3533, 17.1679
YIQ	128.0980, -30.8960, -34.8000

Conversions

Conversions Part 2

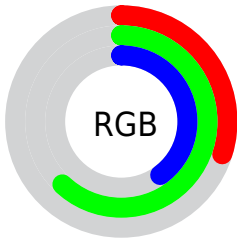
Format	Color
RYB	77, 139, 159
Decimal	5087079
CIELab	59.30, -37.93, 21.78
CIElCh	59, 43.741, 150.137
Yxy	27.3533, 0.2868, 0.4382
Android (android.graphics.Color)	4283277159 (0xFF4D9F67)
YUV	128.0980, -12.3733, -44.8129
Hunter-Lab	52.3004, -30.4100, 17.1480

Details

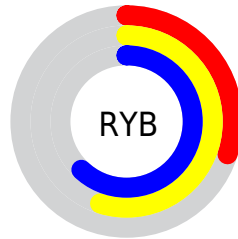
The YUV color **128.0980, -12.3733, -44.8129** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **107.9020, 12.3733, 44.8129**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.3430, -13.9731, -45.0278**, and **73.5640, -9.1521, -51.3606** is the 20% darker color. If you saturate the color by 10%, you get **122.0600, -14.8196, -53.5496**, and if you desaturate by 10%, it is **134.1360, -9.9270, -36.0763**.

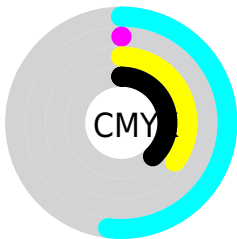
Distribution



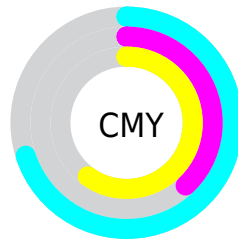
- Red (30%)
- Green (62%)
- Blue (40%)



- Red (30%)
- Yellow (55%)
- Blue (62%)



- Cyan (52%)
- Magenta (0%)
- Yellow (35%)
- Black (38%)



- Cyan (70%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.0980, -12.3733, -44.8129 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 128.0980, -12.3733, -44.8129 by changing the saturation by 10% instead.

■ 128.0980,
-12.3733, -44.8129

■ 128.0980,
-12.3733, -44.8129

■ 255.0000, 0.0000,
0.0000

■ 101.1410,
-10.9155, -45.7277

■ 182.3430,
-13.9731, -45.0278

■ 73.5640, -9.1521,
-51.3606

■ 210.8160,
-14.6993, -45.4426

■ 51.8960, -9.3157,
-45.5128

■ 229.4240,
-10.0690, -37.2058

■ 35.3000, -11.9799,
-30.9581

■ 241.4010, -1.6767,
-22.2767

■ 22.3060, -10.9969,
-19.5624

■ 252.0100, 1.4741,
-6.1478

■ 0.0000, 0.0000,
0.0000

■ 128.0980,
-12.3733, -44.8129

■ 128.0980,
-12.3733, -44.8129

■ 122.0600,
-14.8196, -53.5496

■ 134.1360, -9.9270,
-36.0763

■ 116.0220,
-17.2658, -62.2863

■ 140.1740, -7.4808,
-27.3396

■ 109.9840,
-19.7121, -71.0230

■ 146.2120, -5.0345,
-18.6029

■ 104.0600,
-21.7216, -79.8596

■ 152.1360, -3.0250,
-9.7663

■ 99.0330, -24.1733,
-86.8519

■ 158.1740, -0.5788,
-1.0296

■ 163.9130, 2.0149,
7.0923

■ 169.9510, 4.4612,
15.8290

■ 175.9890, 6.9074,

24.5656

 182.0270, 9.3537,
33.3023

Harmonies

Analogous

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



135.3340, -30.2377, -8.1859



128.0980, -12.3733, -44.8129



111.2820, 15.1440, -97.5943

Triad

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



128.0980, -12.3733, -44.8129



133.3810, 42.2102, -52.0771



142.6890, -18.0877, 61.6627

Complementary

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



128.0980, -12.3733, -44.8129



107.9020, 12.3733, 44.8129

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.



144.6730, -0.3318, 59.9228



128.0980, -12.3733, -44.8129



145.2520, 31.4278, -0.2210

Square

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



128.0980, -12.3733, -44.8129



115.9850, 45.8564, -101.7188



146.8240, 17.3418, 37.8654



141.9310, -32.0110, 47.4185

Rectangle

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



128.0980, -12.3733, -44.8129



114.2460, 26.5007, -100.1937



146.8240, 17.3418, 37.8654



143.4810, -12.5621, 62.7222

Sweetspot

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



128.0980, -12.3733, -44.8129



195.2230, -5.0399, -16.8586



141.8780, -31.9849, -7.7860



97.8370, -2.8776, -10.3810



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



128.0980, -12.3733, -44.8129



158.3970, -19.4227, -70.5082



132.7720, 5.5354, -48.9120



76.0380, -1.0047, -4.4183



89.0710, -21.7270, -78.1153



9.3750, -2.1569, -8.2219

Inverse Universe

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



107.9020, 12.3733, 44.8129



126.6030, 19.4227, 70.5082



103.2280, -5.5354, 48.9120



74.0760, 1.4415, 4.3183



53.9290, 21.7270, 78.1153



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 128.0980, -12.3733, -44.8129 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 128.0980, -12.3733, -44.8129 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 128.0980, -12.3733, -44.8129 Background



This preview shows how black text looks on a background with the YUV color 128.0980, -12.3733, -44.8129.



This preview shows how white text looks on a background with the YUV color 128.0980, -12.3733, -44.8129.

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

128.0980, -12.3733, -44.8129

Protanopia

140.3440, -21.8616, 11.9763

Deuteranopia

142.0770, -16.8000, 21.8575



Tritanopia

135.4280, 14.0860, -38.0864

Trichromacy



Original Color

128.0980, -12.3733, -44.8129

Protanomaly

135.8360, -18.1601, -8.6262

Deuteranomaly

136.6780, -15.1243, -2.3486

Tritanomaly

133.1860, 4.3453, -40.5051

Monochromacy



Original Color

128.0980, -12.3733, -44.8129

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7500, -4.3137, -16.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0980, -12.3733, -44.8129 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(77, 159, 103)` looks like.

```
.text, #text, p{  
    color:rgb(77, 159, 103)  
}
```

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(77, 159, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 159, 103) }
```

Border

The CSS property to change the border of an element to YUV 128.0980, -12.3733, -44.8129 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(77, 159, 103) }
```


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

```
.border{ border-color:rgb(77, 159, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 159, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 159, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 159, 103);  
box-shadow:4px 4px 4px 4px rgb(77, 159,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 128.0980, -12.3733, -44.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 159, 103) }
```

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

```
.background{ background-color: rgb(77, 159,  
103) }
```

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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