

Converting Colors

YUV(128.2310, -20.8199,
-42.2986)

Have a look what the booklet for
YUV(128.2310, -20.8199, -42.2986)
contains.

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Color

**YUV(128.2310, -20.8199,
-42.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	50A156
RGB	80, 161, 86
RGB Percent	31%, 63%, 34%
CMY	0.6863, 0.3686, 0.6627
CMYK	0.50, 0.00, 0.47, 0.37
HSL	124°, 34%, 47%
HSV	124°, 50%, 63%
XYZ	17.7328, 27.8671, 13.2484
YIQ	128.2310, -24.2010, -40.4970

Conversions

Conversions Part 2

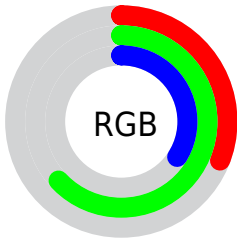
Format	Color
RYB	80, 155, 161
Decimal	5284182
CIELab	59.77, -40.88, 31.53
CIELCh	60, 51.630, 142.360
Yxy	27.8671, 0.3013, 0.4735
Android (android.graphics.Color)	4283474262 (0xFF50A156)
YUV	128.2310, -20.8199, -42.2986
Hunter-Lab	52.7893, -32.4200, 22.0727

Details

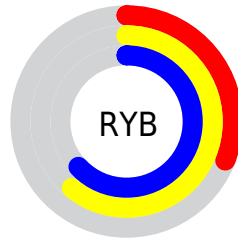
The YUV color **128.2310, -20.8199, -42.2986** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **112.7690, 20.8199, 42.2986**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7750, -22.5671, -41.8987**, and **73.9960, -17.7460, -48.2315** is the 20% darker color. If you saturate the color by 10%, you get **121.7370, -25.0133, -50.6353**, and if you desaturate by 10%, it is **134.7250, -16.6264, -33.9618**.

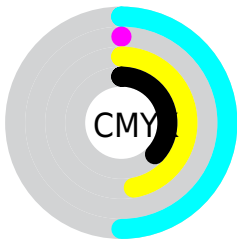
Distribution



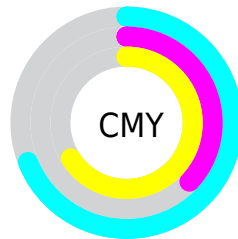
- Red (31%)
- Green (63%)
- Blue (34%)



- Red (31%)
- Yellow (61%)
- Blue (63%)



- Cyan (50%)
- Magenta (0%)
- Yellow (47%)
- Black (37%)



- Cyan (69%)
- Magenta (37%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2310, -20.8199, -42.2986 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 128.2310, -20.8199, -42.2986 by changing the saturation by 10% instead.

■ 128.2310,
-20.8199, -42.2986

■ 128.2310,
-20.8199, -42.2986

■ 255.0000, 0.0000,
0.0000

■ 101.2740,
-19.3621, -43.2133

■ 182.7750,
-22.5671, -41.8987

■ 73.9960, -17.7460,
-48.2315

■ 210.9490,
-23.1459, -42.9283

■ 50.9040, -18.1937,
-44.6428

■ 228.5680,
-18.5210, -32.9471

■ 34.6330, -17.0741,
-30.3731

■ 240.1320,
-10.4181, -18.5328

■ 22.8930, -11.2862,
-20.0772

■ 252.4080, -2.1731,
-2.9888

■ 0.0000, 0.0000,
0.0000

■ 128.2310,
-20.8199, -42.2986

■ 128.2310,
-20.8199, -42.2986

■ 121.7370,
-25.0133, -50.6353

■ 134.7250,
-16.6264, -33.9618

■ 115.2430,
-29.2068, -58.9721

■ 141.2190,
-12.4330, -25.6251

■ 108.7490,
-33.4003, -67.3089

■ 147.7130, -8.2395,
-17.2883

■ 102.2550,
-37.5937, -75.6456

■ 154.2070, -4.0461,
-8.9515

■ 95.8750, -41.3504,
-84.0824


■ 161.0000, 0.0000,
0.0000

■ 167.3800, 3.7567,
8.4367

■ 173.8740, 7.9501,
16.7735

■ 180.3680, 12.1436,

25.1103

 186.8620, 16.3370,
33.4470

Harmonies

Analogous

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



136.0440, -40.4477, -0.0386



128.2310, -20.8199, -42.2986



112.2620, 8.7448, -98.4538

Triad

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



128.2310, -20.8199, -42.2986



115.9000, 58.2233, -101.6443



142.8630, -15.2155, 73.7881

Complementary

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



128.2310, -20.8199, -42.2986



112.7690, 20.8199, 42.2986

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.



145.7260, 6.0511, 66.0153



128.2310, -20.8199, -42.2986



144.0850, 41.3701, -15.8605

Square

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



128.2310, -20.8199, -42.2986



119.6040, 47.0302, -104.8927



148.2780, 25.4989, 34.8362



141.8510, -33.9435, 60.6437

Rectangle

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



128.2310, -20.8199, -42.2986



115.9100, 22.7224, -101.6531



148.2780, 25.4989, 34.8362



143.6980, -8.2321, 73.9329

Sweetspot

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



128.2310, -20.8199, -42.2986



196.4250, -8.0975, -16.1587



150.2710, -34.6436, 5.0243



97.2670, -5.0616, -9.8812



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.



128.2310, -20.8199, -42.2986



158.4010, -32.2427, -65.2497



132.7910, -3.3480, -46.2977



78.3970, -2.1677, -4.7332



86.3690, -37.1569, -75.7456



10.6800, -4.7722, -9.3664

Inverse Universe

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



112.7690, 20.8199, 42.2986



134.5990, 32.2427, 65.2497



108.2090, 3.3480, 46.2977



76.6030, 2.1677, 4.7332



58.7450, 37.5937, 75.6456



7.3200, 4.7722, 9.3664

Previews

White Background



This preview shows how the YUV color 128.2310, -20.8199, -42.2986 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 128.2310, -20.8199, -42.2986 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 128.2310, -20.8199, -42.2986 Background



This preview shows how black text looks on a background with the YUV color 128.2310, -20.8199, -42.2986.



This preview shows how white text looks on a background with the YUV color 128.2310, -20.8199, -42.2986.

-42.2986.

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

128.2310, -20.8199, -42.2986

Protanopia

140.0040, -29.5820, 14.9055

Deuteranopia

142.3350, -24.8152, 26.0162



Tritanopia

137.2220, 13.2016, -34.3977

Trichromacy



Original Color

128.2310, -20.8199, -42.2986

Protanomaly

135.9690, -26.6067, -6.1118

Deuteranomaly

137.5230, -23.4288, 1.2953

Tritanomaly

133.6980, 1.1349, -37.4461

Monochromacy



Original Color

128.2310, -20.8199, -42.2986

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2510, -7.5187, -15.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2310, -20.8199, -42.2986 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(80, 161, 86)` looks like.

```
.text, #text, p{  
    color:rgb(80, 161, 86)  
}
```

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(80, 161, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 161, 86) }
```

Border

The CSS property to change the border of an element to YUV 128.2310, -20.8199, -42.2986 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(80, 161, 86) }
```


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

```
.border{ border-color:rgb(80, 161, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 161, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 161, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 161, 86);  
box-shadow:4px 4px 4px 4px rgb(80, 161,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 128.2310, -20.8199, -42.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 161, 86) }
```

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

```
.background{ background-color: rgb(80, 161,  
86) }
```

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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