

Converting Colors

YUV(96.5380, -33.2962,
-53.9688)

Have a look what the booklet for
YUV(96.5380, -33.2962, -53.9688)
contains.

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Color

**YUV(96.5380, -33.2962,
-53.9688)**

Conversions

Conversions Part 1

Format	Color
Hex	238D1D
RGB	35, 141, 29
RGB Percent	14%, 55%, 11%
CMY	0.8627, 0.4471, 0.8863
CMYK	0.75, 0.00, 0.79, 0.45
HSL	117°, 66%, 33%
HSV	117°, 79%, 55%
XYZ	10.4398, 19.4958, 4.3752
YIQ	96.5380, -27.2240, -57.3040

Conversions

Conversions Part 2

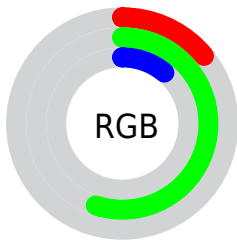
Format	Color
R_{YB}	29, 141, 135
Decimal	2329885
CIE _{Lab}	51.26, -50.47, 47.47
CIE _{LCh}	51, 69.284, 136.757
Yxy	19.4958, 0.3043, 0.5682
Android (android.graphics.Color)	4280519965 (0xFF238D1D)
YUV	96.5380, -33.2962, -53.9688
Hunter-Lab	44.1540, -35.0650, 25.0328

Details

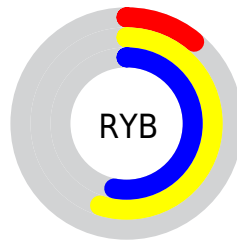
The YUV color **96.5380, -33.2962, -53.9688** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **73.4620, 33.2962, 53.9688**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7020, -35.3491, -48.8507**, and **52.2430, -25.7558, -45.8171** is the 20% darker color. If you saturate the color by 10%, you get **91.0550, -37.4951, -60.5612**, and if you desaturate by 10%, it is **102.0210, -29.0974, -47.3764**.

Distribution



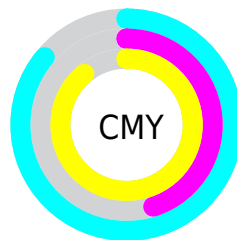
- Red (14%)
- Green (55%)
- Blue (11%)



- Red (11%)
- Yellow (55%)
- Blue (53%)



- Cyan (75%)
- Magenta (0%)
- Yellow (79%)
- Black (45%)



- Cyan (86%)
- Magenta (45%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5380, -33.2962, -53.9688 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 96.5380, -33.2962, -53.9688 by changing the saturation by 10% instead.

■ 96.5380, -33.2962,
-53.9688

■ 96.5380, -33.2962,
-53.9688

255.0000, 0.0000,
0.0000

■ 67.5050, -33.2800,
-59.2019

■ 153.7020,
-35.3491, -48.8507

■ 52.2430, -25.7558,
-45.8171

■ 181.7730,
-36.3701, -48.0359

■ 38.1550, -18.8104,
-33.4619

■ 210.2460,
-37.0963, -48.4507

■ 25.2410, -12.4438,
-22.1364

■ 223.1690,
-30.1563, -34.3512

■ 5.2830, -2.6045,
-4.6332

■ 235.3310,
-22.3482, -18.7073

■ 0.0000, 0.0000,
0.0000

■ 247.1940,

-14.3926, -3.6781

254.0880, -3.4944,
0.7998

96.5380, -33.2962,
-53.9688

96.5380, -33.2962,
-53.9688

91.0550, -37.4951,
-60.5612

102.0210,
-29.0974, -47.3764

85.2730, -41.5466,
-67.7684

107.8030,
-25.0459, -40.1692

85.1590, -41.9834,
-67.6684

113.2860,
-20.8470, -33.5768

118.7690,
-16.6481, -26.9844

124.6650,
-12.1598, -19.8772

■ 130.1480, -7.9610,
-13.2848

■ 135.6310, -3.7621,
-6.6924

■ 141.4130, 0.2894,
0.5148

■ 146.8960, 4.4883,
7.1072

Harmonies

Analogous

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



111.2930, -54.8674, 5.0050



96.5380, -33.2962, -53.9688



96.8910, -1.9183, -84.9734

Triad

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



96.5380, -33.2962, -53.9688



107.5510, 64.3114, -94.3222



110.0480, -8.8977, 100.8129

Complementary

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



96.5380, -33.2962, -53.9688



73.4620, 33.2962, 53.9688

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.



115.2460, 17.6267, 86.6073



96.5380, -33.2962, -53.9688



108.5430, 63.3293, -59.2352

Square

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



96.5380, -33.2962, -53.9688



109.4140, 48.6029, -95.9561



124.8340, 39.0288, 35.2256



114.3160, -39.1028, 82.1609

Rectangle

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



96.5380, -33.2962, -53.9688



102.1520, 15.7011, -89.5873



124.8340, 39.0288, 35.2256



109.8660, 0.5591, 100.9725

Sweetspot

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



96.5380, -33.2962, -53.9688



166.4260, -13.0280, -21.4216



124.1230, -46.8956, 14.8011



81.4470, -8.1084, -12.6700



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.



96.5380, -33.2962, -53.9688



114.7150, -52.1175, -83.9421



100.3300, -11.0087, -62.5564



68.4080, -2.1731, -2.9888



81.3380, -40.0996, -65.1944



4.6960, -2.3151, -4.1184

Inverse Universe

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



73.4620, 33.2962, 53.9688



78.2850, 52.1175, 83.9421



69.6700, 11.0087, 62.5564



66.8910, 2.0257, 3.6036



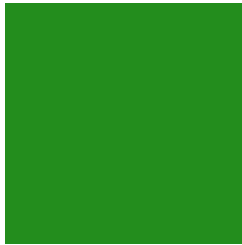
53.6620, 40.0996, 65.1944



3.0050, 2.4625, 3.5036

Previews

White Background



This preview shows how the YUV color 96.5380, -33.2962, -53.9688 looks on a white background.

Color Contrast Check

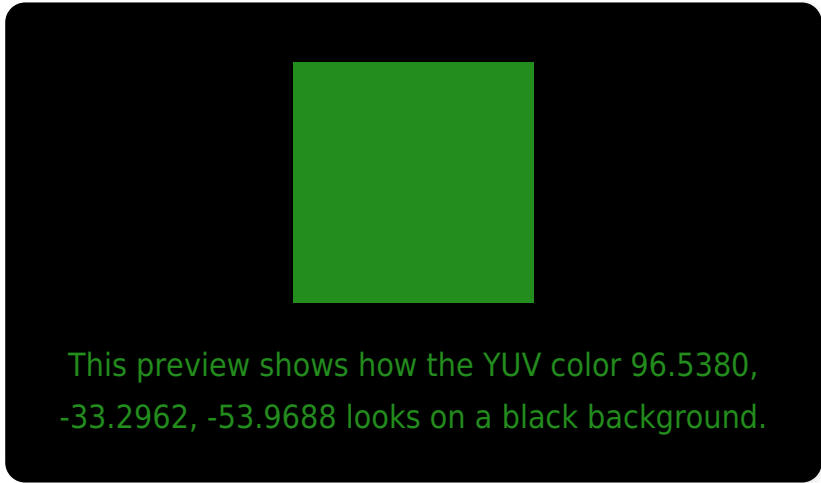
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 96.5380, -33.2962, -53.9688

Background



This preview shows how black text looks on a background with the YUV color 96.5380, -33.2962, -53.9688.



This preview shows how white text looks on a background with the YUV color 96.5380, -33.2962, -53.9688.

-53.9688.

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

96.5380, -33.2962, -53.9688

Protanopia

115.3130, -45.0173, 19.0195

Deuteranopia

117.6270, -37.7771, 30.1451



Tritanopia

112.8190, 14.3862, -41.0603

Trichromacy



Original Color

96.5380, -33.2962, -53.9688



Protanomaly

108.5870, -40.7154, -7.5308



Deuteranomaly

109.5970, -35.7903, -0.5236



Tritanomaly

107.2040, -3.0586, -45.7829

Monochromacy



Original Color

96.5380, -33.2962, -53.9688



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

96.6650, -12.1598, -19.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5380, -33.2962, -53.9688 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(35, 141, 29)` looks like.

```
.text, #text, p{  
    color:rgb(35, 141, 29)  
}
```

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(35, 141, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 141, 29) }
```

Border

The CSS property to change the border of an element to YUV 96.5380, -33.2962, -53.9688 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(35, 141, 29) }
```


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

```
.border{ border-color:rgb(35, 141, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 141, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 141, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 141, 29);  
box-shadow:4px 4px 4px 4px rgb(35, 141,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 96.5380, -33.2962, -53.9688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 141, 29) }
```

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

```
.background{ background-color: rgb(35, 141,  
29) }
```

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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