

Converting Colors

YUV(82.0200, -3.9539, -38.6055)

Have a look what the booklet for
YUV(82.0200, -3.9539, -38.6055)
contains.

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Color

**YUV(82.0200, -3.9539,
-38.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	266A4A
RGB	38, 106, 74
RGB Percent	15%, 42%, 29%
CMY	0.8510, 0.5843, 0.7098
CMYK	0.64, 0.00, 0.30, 0.58
HSL	152°, 47%, 28%
HSV	152°, 64%, 42%
XYZ	7.1894, 11.2145, 8.2643
YIQ	82.0200, -30.2560, -24.3680

Conversions

Conversions Part 2

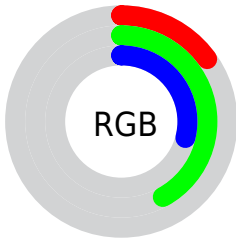
Format	Color
R_{YB}	38, 82, 106
Decimal	2517578
CIE _{Lab}	39.94, -29.66, 11.77
CIE _{LCh}	40, 31.911, 158.360
Yxy	11.2145, 0.2696, 0.4205
Android (android.graphics.Color)	4280707658 (0xFF266A4A)
YUV	82.0200, -3.9539, -38.6055
Hunter-Lab	33.4881, -20.2830, 8.8100

Details

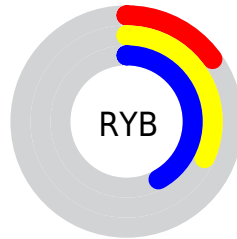
The YUV color **82.0200, -3.9539, -38.6055** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61.9800, 3.9539, 38.6055**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9770, -5.4117, -37.6908**, and **37.4660, -3.6807, -32.8577** is the 20% darker color. If you saturate the color by 10%, you get **78.1610, -4.5164, -44.8682**, and if you desaturate by 10%, it is **85.8790, -3.3913, -32.3429**.

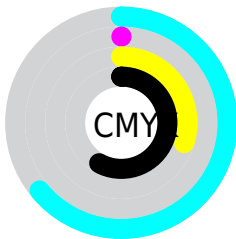
Distribution



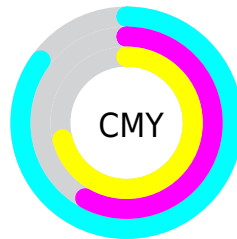
- Red (15%)
- Green (42%)
- Blue (29%)



- Red (15%)
- Yellow (32%)
- Blue (42%)



- Cyan (64%)
- Magenta (0%)
- Yellow (30%)
- Black (58%)



- Cyan (85%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0200, -3.9539, -38.6055 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 82.0200, -3.9539, -38.6055 by changing the saturation by 10% instead.

■ 82.0200, -3.9539,
-38.6055

■ 82.0200, -3.9539,
-38.6055

255.0000, 0.0000,
0.0000

■ 54.5570, -1.7536,
-44.3385

■ 133.9770, -5.4117,
-37.6908

■ 37.4660, -3.6807,
-32.8577

■ 160.5640, -5.7011,
-38.2056

■ 21.8160, -7.7973,
-19.1326

■ 188.0370, -6.4272,
-38.6204

■ 0.0000, 0.0000,
0.0000

■ 215.7380, -6.2798,
-39.2352

■ 235.5200, -2.2284,
-32.0280

■ 246.9270, 3.9800,

-16.5990

■ 82.0200, -3.9539,
-38.6055

■ 82.0200, -3.9539,
-38.6055

■ 78.1610, -4.5164,
-44.8682

■ 85.8790, -3.3913,
-32.3429

■ 74.6010, -5.2263,
-50.5161

■ 89.4390, -2.6814,
-26.6950

■ 70.7420, -5.7888,
-56.7787

■ 93.2980, -2.1189,
-20.4323

■ 68.6060, -6.2148,
-60.1675

■ 96.8580, -1.4090,
-14.7845

■ 100.7170, -0.8465,
-8.5218

■ 104.5760, -0.2840,
-2.2592

■ 108.1360, 0.4260,
3.3887

■ 111.9950, 0.9885,
9.6514

■ 115.5550, 1.6984,
15.2993

Harmonies

Analogous

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



88.2270, -17.8599, -11.6001



82.0200, -3.9539, -38.6055



74.3230, 13.1518, -65.1813

Triad

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



82.0200, -3.9539, -38.6055



90.8440, 26.6989, -23.5422



94.2410, -15.4018, 40.1306

Complementary

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



82.0200, -3.9539, -38.6055



61.9800, 3.9539, 38.6055

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.



95.0530, -3.4771, 42.0495



82.0200, -3.9539, -38.6055



96.3920, 19.0337, 8.4262

Square

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



82.0200, -3.9539, -38.6055



76.0620, 32.5074, -66.7064



96.4890, 8.6329, 31.1431



93.1010, -23.2208, 27.9754

Rectangle

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



82.0200, -3.9539, -38.6055



76.2610, 20.5773, -66.8809



96.4890, 8.6329, 31.1431



94.5770, -11.6235, 41.5900

Sweetspot

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



82.0200, -3.9539, -38.6055



128.7440, -1.8458, -14.6845



87.7830, -24.5430, -14.7187



63.3040, -1.1359, -9.0366



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



82.0200, -3.9539, -38.6055



100.6060, -6.2148, -60.1675



85.0810, 10.3131, -41.2900



51.8640, -0.4260, -3.3887



75.7470, -6.7773, -66.4301



158.6350, -14.1171, -139.1229

Inverse Universe

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



61.9800, 3.9539, 38.6055



69.3940, 6.2148, 60.1675



58.9190, -10.3131, 41.2900



50.1360, 0.4260, 3.3887



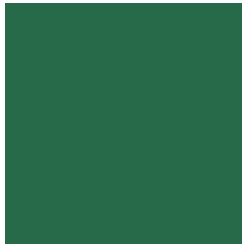
41.2530, 6.7773, 66.4301



86.3650, 14.1171, 139.1229

Previews

White Background



This preview shows how the YUV color 82.0200, -3.9539, -38.6055 looks on a white 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

Black Background



This preview shows how the YUV color 82.0200, -3.9539, -38.6055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

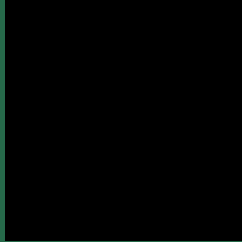
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 82.0200, -3.9539, -38.6055

Background



This preview shows how black text looks on a background with the YUV color 82.0200, -3.9539, -38.6055.



This preview shows how white text looks on a background with the YUV color 82.0200, -3.9539,

-38.6055.

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

82.0200, -3.9539, -38.6055

Protanopia

93.1290, -12.3886, 6.9029

Deuteranopia

94.0140, -7.8949, 12.2657



Tritanopia

87.0760, 11.3015, -31.6387

Trichromacy



Original Color

82.0200, -3.9539, -38.6055

Protanomaly

88.8280, -9.2822, -9.4962

Deuteranomaly

89.9470, -6.3829, -6.0925

Tritanomaly

85.2730, 5.7814, -34.4424

Monochromacy



Original Color

82.0200, -3.9539, -38.6055

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1570, -1.5564, -14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0200, -3.9539, -38.6055 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(38, 106, 74)` looks like.

```
.text, #text, p{  
    color:rgb(38, 106, 74)  
}
```

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(38, 106, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 106, 74) }
```

Border

The CSS property to change the border of an element to YUV 82.0200, -3.9539, -38.6055 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(38, 106, 74) }
```


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

```
.border{ border-color:rgb(38, 106, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 106, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 106, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 106, 74);  
box-shadow:4px 4px 4px 4px rgb(38, 106,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 82.0200, -3.9539, -38.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 106, 74) }
```

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

```
.background{ background-color: rgb(38, 106,  
74) }
```

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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