

Converting Colors

YUV(90.0200, -3.9539, -38.6055)

Have a look what the booklet for
YUV(90.0200, -3.9539, -38.6055)
contains.

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Color

**YUV(90.0200, -3.9539,
-38.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	2E7252
RGB	46, 114, 82
RGB Percent	18%, 45%, 32%
CMY	0.8196, 0.5529, 0.6784
CMYK	0.60, 0.00, 0.28, 0.55
HSL	152°, 43%, 31%
HSV	152°, 60%, 45%
XYZ	8.6670, 13.2247, 10.0785
YIQ	90.0200, -30.2560, -24.3680

Conversions

Conversions Part 2

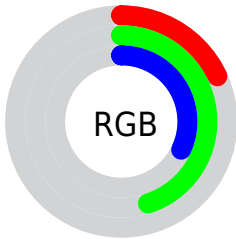
Format	Color
R_{YB}	46, 90, 114
Decimal	3043922
CIE _{Lab}	43.10, -29.69, 11.43
CIE _{LCh}	43, 31.812, 158.952
Y _{xy}	13.2247, 0.2711, 0.4137
Android (android.graphics.Color)	4281234002 (0xFF2E7252)
YUV	90.0200, -3.9539, -38.6055
Hunter-Lab	36.3657, -21.0983, 9.0243

Details

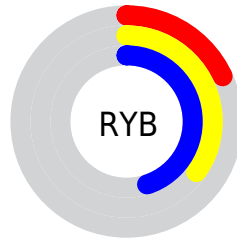
The YUV color **90.0200, -3.9539, -38.6055** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69.9800, 3.9539, 38.6055**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6780, -5.2643, -38.3056**, and **42.3730, -2.6489, -37.1611** is the 20% darker color. If you saturate the color by 10%, you get **86.1610, -4.5164, -44.8682**, and if you desaturate by 10%, it is **93.8790, -3.3913, -32.3429**.

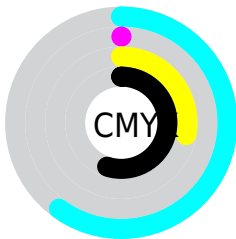
Distribution



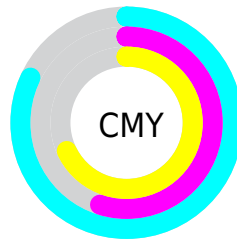
- Red (18%)
- Green (45%)
- Blue (32%)



- Red (18%)
- Yellow (35%)
- Blue (45%)



- Cyan (60%)
- Magenta (0%)
- Yellow (28%)
- Black (55%)



- Cyan (82%)
- Magenta (55%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0200, -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 90.0200, -3.9539, -38.6055 by changing the saturation by 10% instead.

90.0200, -3.9539,
-38.6055

90.0200, -3.9539,
-38.6055

255.0000, 0.0000,
0.0000

63.7530, -2.3432,
-41.8794

141.6780, -5.2643,
-38.3056

42.3730, -2.6489,
-37.1611

169.2650, -5.5536,
-38.8204

26.4780, -5.1657,
-23.2212

196.8520, -5.8430,
-39.3352

11.1530, -5.4984,
-9.7812

225.3250, -6.5692,
-39.7500

0.0000, 0.0000,
0.0000

239.3510, 0.8130,
-27.4948

249.6180, 2.6533,

-11.0660

■ 90.0200, -3.9539,
-38.6055

■ 90.0200, -3.9539,
-38.6055

■ 86.1610, -4.5164,
-44.8682

■ 93.8790, -3.3913,
-32.3429

■ 81.8890, -5.3683,
-51.6457

■ 98.1510, -2.5394,
-25.5654

■ 78.0300, -5.9308,
-57.9083

■ 102.0100, -1.9769,
-19.3028

■ 73.8720, -6.3459,
-64.7857

■ 106.1680, -1.5618,
-12.4253

■ 73.7580, -6.7827,
-64.6858

■ 110.1410, -0.5625,
-6.2627

■ 114.0000, 0.0000,
0.0000

■ 118.2720, 0.8519,
6.7775

■ 122.1310, 1.4144,
13.0401

■ 126.2890, 1.8295,
19.9175

Harmonies

Analogous

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



95.9280, -17.7125, -12.2149



90.0200, -3.9539, -38.6055



79.9310, 14.3310, -70.0995

Triad

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



90.0200, -3.9539, -38.6055



99.2570, 26.9883, -23.0274



102.1270, -15.8386, 40.2306

Complementary

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



90.0200, -3.9539, -38.6055



69.9800, 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.



103.2380, -4.0613, 42.7643



90.0200, -3.9539, -38.6055



104.6910, 18.8863, 9.0410

Square

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



90.0200, -3.9539, -38.6055



81.6700, 33.6867, -71.6246



104.6740, 8.0487, 31.8579



100.9870, -23.6576, 28.0754

Rectangle

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



90.0200, -3.9539, -38.6055



81.8690, 21.7566, -71.7991



104.6740, 8.0487, 31.8579



102.7620, -12.2077, 42.3047

Sweetspot

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



90.0200, -3.9539, -38.6055



138.4450, -1.6984, -15.2993



95.7830, -24.5430, -14.7187



68.3040, -1.1359, -9.0366



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



90.0200, -3.9539, -38.6055



110.3070, -6.0674, -60.7822



93.0810, 10.3131, -41.2900



53.8640, -0.4260, -3.3887



77.6220, -7.2086, -68.0745



159.9230, -14.2590, -140.2525

Inverse Universe

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



69.9800, 3.9539, 38.6055



78.8070, 6.5041, 60.6823



66.9190, -10.3131, 41.2900



52.1360, 0.4260, 3.3887



42.2640, 6.7718, 68.1745



87.0770, 14.2590, 140.2525

Previews

White Background



This preview shows how the YUV color 90.0200, -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 90.0200, -3.9539, -38.6055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

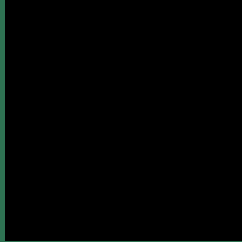
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0200, -3.9539, -38.6055

Background



This preview shows how black text looks on a background with the YUV color 90.0200, -3.9539, -38.6055.



This preview shows how white text looks on a background with the YUV color 90.0200, -3.9539,

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

90.0200, -3.9539, -38.6055

Protanopia

100.2430, -11.9518, 6.8029

Deuteranopia

101.7260, -7.7529, 13.3953



Tritanopia

94.7770, 11.4489, -32.2534

Trichromacy



Original Color

90.0200, -3.9539, -38.6055

Protanomaly

96.5290, -9.1348, -10.1109

Deuteranomaly

97.3600, -6.0935, -5.5777

Tritanomaly

93.2730, 5.7814, -34.4424

Monochromacy



Original Color

90.0200, -3.9539, -38.6055

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1570, -1.5564, -14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0200, -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(46, 114, 82)` looks like.

```
.text, #text, p{  
    color:rgb(46, 114, 82)  
}
```

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(46, 114, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 114, 82) }
```

Border

The CSS property to change the border of an element to YUV 90.0200, -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(46, 114, 82) }
```


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

```
.border{ border-color:rgb(46, 114, 82) }
```

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

Here you see how a box with a 4 pixel rgb(46, 114, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 114, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 114, 82);  
box-shadow:4px 4px 4px 4px rgb(46, 114,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 90.0200, -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(46, 114, 82) }
```

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

```
.background{ background-color: rgb(46, 114,  
82) }
```

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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