

Converting Colors

YUV(99.9290, 1.0210, -0.8147)

Have a look what the booklet for
YUV(99.9290, 1.0210, -0.8147)
contains.

YUV(99.9290, 1.0210, -0.8147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YUV(99.9290, 1.0210,
-0.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	636466
RGB	99, 100, 102
RGB Percent	39%, 39%, 40%
CMY	0.6118, 0.6078, 0.6000
CMYK	0.03, 0.02, 0.00, 0.60
HSL	220°, 1%, 39%
HSV	220°, 3%, 40%
XYZ	12.1010, 12.7263, 14.3890
YIQ	99.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

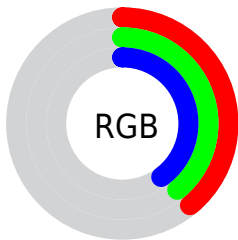
Format	Color
R_{YB}	99, 100, 102
Decimal	6513766
CIE _{Lab}	42.35, 0.04, -1.27
CIE _{LCh}	42, 1.272, 271.581
Yxy	12.7263, 0.3086, 0.3245
Android (android.graphics.Color)	4284703846 (0xFF636466)
YUV	99.9290, 1.0210, -0.8147
Hunter-Lab	35.6739, -1.8800, 1.0573

Details

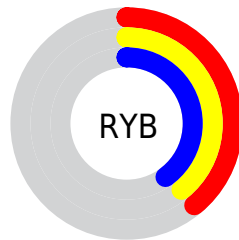
The YUV color **99.9290, 1.0210, -0.8147** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101.0710, -1.0210, 0.8147**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9290, 1.0210, -0.8147**, and **53.2280, 0.8736, -0.2000** is the 20% darker color. If you saturate the color by 10%, you get **92.8300, 4.5208, -3.3589**, and if you desaturate by 10%, it is **107.0280, -2.4788, 1.7294**.

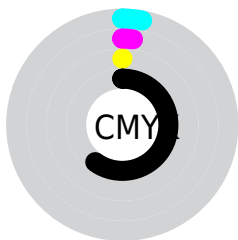
Distribution



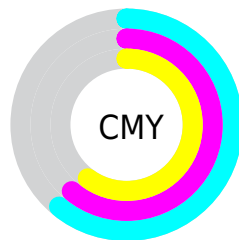
- Red (39%)
- Green (39%)
- Blue (40%)



- Red (39%)
- Yellow (39%)
- Blue (40%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9290, 1.0210, -0.8147 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 99.9290, 1.0210, -0.8147 by changing the saturation by 10% instead.

■ 99.9290, 1.0210,
-0.8147

■ 99.9290, 1.0210,
-0.8147

■ 255.0000, 0.0000,
0.0000

■ 75.9290, 1.0210,
-0.8147

■ 150.9290, 1.0210,
-0.8147

■ 53.2280, 0.8736,
-0.2000

■ 177.0430, 1.4578,
-0.9147

■ 31.9290, 1.0210,
-0.8147

■ 204.9290, 1.0210,
-0.8147

■ 8.7440, 1.6052,
-1.5295

■ 232.9290, 1.0210,
-0.8147

■ 0.0000, 0.0000,
0.0000

■ 99.9290, 1.0210,

■ 99.9290, 1.0210,

-0.8147

-0.8147

■ 92.8300, 4.5208,
-3.3589

■ 107.0280, -2.4788,
1.7294

■ 85.7310, 8.0206,
-5.9031

■ 114.1270, -5.9786,
4.2736

■ 78.9200, 11.3784,
-9.5768

■ 120.9380, -9.3364,
7.9474

■ 71.8210, 14.8782,
-12.1210

■ 128.0370,
-12.8362, 10.4916

■ 64.7220, 18.3781,
-14.6652

■ 135.1360,
-16.3360, 13.0357

■ 57.6230, 21.8779,
-17.2094

■ 142.2350,
-19.8359, 15.5799

■ 50.5240, 25.3777,
-19.7535

■ 149.3340,
-23.3357, 18.1241

■ 43.7130, 28.7355,
-23.4273

■ 156.1450,
-26.6935, 21.7978

■ 36.6140, 32.2353,
-25.9715

■ 163.2440,
-30.1933, 24.3420

Harmonies

Analogous

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



99.6300, 1.1684, -1.4295



99.9290, 1.0210, -0.8147



100.2280, 0.8736, -0.2000

Triad

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



99.9290, 1.0210, -0.8147



99.8970, -0.4422, 1.8443



99.2880, -0.1420, -1.1296

Complementary

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



99.9290, 1.0210, -0.8147



101.0710, -1.0210, 0.8147

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.



99.7720, -0.8736, 0.2000



99.9290, 1.0210, -0.8147



100.3700, -1.1684, 1.4295

Square

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



99.9290, 1.0210, -0.8147



100.0110, -0.0054, 1.7444



100.0710, -1.0210, 0.8147



99.9890, 0.0054, -1.7444

Rectangle

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



99.9290, 1.0210, -0.8147



99.8260, 0.5788, 1.0296



100.0710, -1.0210, 0.8147



99.5870, -0.2894, -0.5148

Sweetspot

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



99.9290, 1.0210, -0.8147



131.8150, 0.5842, -0.7148



100.9890, 0.0054, -1.7444



66.0000, 0.0000, 0.0000



194.0000, 0.0000, 0.0000

Same Dimension

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



99.9290, 1.0210, -0.8147



128.8580, 2.0420, -1.6295



99.6410, 1.1630, 0.3148



48.9290, 1.0210, -0.8147



35.4160, 39.2349, -31.0598



75.1350, 82.2644, -65.8934

Inverse Universe

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



100.0110, -0.0054, 1.7444



129.0220, -0.0108, 3.4887



101.6580, -1.3104, 0.2999



49.0110, -0.0054, 1.7444



38.7170, -0.3535, 66.9002



81.5920, -0.2919, 140.6778

Previews

White Background



This preview shows how the YUV color 99.9290, 1.0210, -0.8147 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 99.9290, 1.0210, -0.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

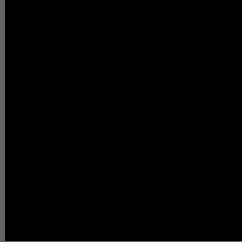
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.9290, 1.0210, -0.8147

Background



This preview shows how black text looks on a background with the YUV color 99.9290, 1.0210, -0.8147.



This preview shows how white text looks on a background with the YUV color 99.9290, 1.0210,

-0.8147.

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

99.9290, 1.0210, -0.8147

Protanopia

99.9400, 1.0156, 0.9296

Deuteranopia

100.9730, 0.9993, 6.1627



Tritanopia

100.2110, 3.3470, -0.1850

Trichromacy

**Original Color**

99.9290, 1.0210, -0.8147

Protanomaly

99.6410, 1.1630, 0.3148

Deuteranomaly

100.6630, 1.1521, 3.8035

Tritanomaly

99.9830, 2.4734, 0.0149

Monochromacy

**Original Color**

99.9290, 1.0210, -0.8147

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9290, 1.0210, -0.8147 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(99, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(99, 100, 102)  
}
```

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(99, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 100, 102) }
```

Border

The CSS property to change the border of an element to YUV 99.9290, 1.0210, -0.8147 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(99, 100, 102) }
```

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

```
.border{ border-color:rgb(99, 100, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 100, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(99, 100,  
102) }
```


Background

The CSS property to change the background color of an element to YUV 99.9290, 1.0210, -0.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 100, 102) }
```

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

```
.background{ background-color: rgb(99, 100,  
102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor