

Converting Colors

YUV(94.0240, -10.3648,
-82.4590)

Have a look what the booklet for
YUV(94.0240, -10.3648, -82.4590)
contains.

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Color

**YUV(94.0240, -10.3648,
-82.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	009249
RGB	0, 146, 73
RGB Percent	0%, 57%, 29%
CMY	1.0000, 0.4275, 0.7137
CMYK	1.00, 0.00, 0.50, 0.43
HSL	150°, 100%, 29%
HSV	150°, 100%, 57%
XYZ	11.4815, 21.0388, 9.7591
YIQ	94.0240, -63.5830, -53.6550

Conversions

Conversions Part 2

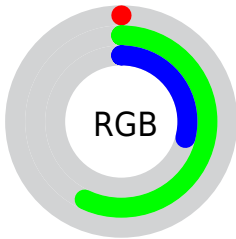
Format	Color
RYB	0, 97, 146
Decimal	37449
CIELab	52.99, -50.21, 29.45
CIELCh	53, 58.210, 149.611
Yxy	21.0388, 0.2716, 0.4976
Android (android.graphics.Color)	4278227529 (0xFF009249)
YUV	94.0240, -10.3648, -82.4590
Hunter-Lab	45.8681, -35.5879, 19.4929

Details

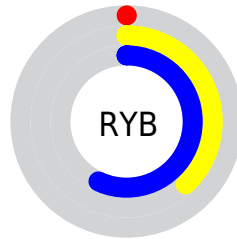
The YUV color **94.0240, -10.3648, -82.4590** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **51.9760, 10.3648, 82.4590**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1250, -16.8236, -64.1306**, and **58.1420, -15.8460, -50.9905** is the 20% darker color. If you saturate the color by 10%, you get **94.0240, -10.3648, -82.4590**, and if you desaturate by 10%, it is **99.3070, -9.5184, -73.9372**.

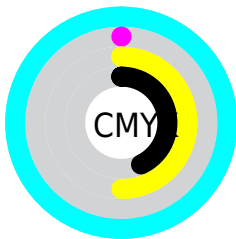
Distribution



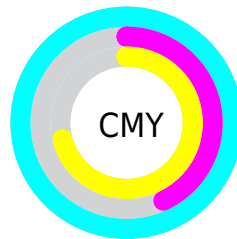
- Red (0%)
- Green (57%)
- Blue (29%)



- Red (0%)
- Yellow (38%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.0240, -10.3648, -82.4590 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 94.0240, -10.3648, -82.4590 by changing the saturation by 10% instead.

■ 94.0240, -10.3648,
-82.4590

■ 94.0240, -10.3648,
-82.4590

255.0000, 0.0000,
0.0000

■ 76.0260, -13.3238,
-66.6748

■ 157.1250,
-16.8236, -64.1306

■ 58.1420, -15.8460,
-50.9905

■ 186.0820,
-18.2814, -63.2159

■ 40.7310, -19.0944,
-35.7211

■ 212.5060,
-17.9975, -60.9568

■ 27.5890, -13.6014,
-24.1956

■ 224.3690,
-10.0419, -45.9276

■ 10.5660, -5.2090,
-9.2664

■ 236.2320, -2.0864,
-30.8985

■ 0.0000, 0.0000,
0.0000

■ 247.8240, 3.5378,

-14.7546

■ 94.0240, -10.3648,
-82.4590

■ 99.3070, -9.5184,
-73.9372

■ 104.4050, -8.0877,
-66.1302

■ 109.6880, -7.2412,
-57.6084

■ 114.6720, -6.2473,
-49.7013

■ 120.0690, -4.9640,
-41.2795

■ 125.3520, -4.1175,
-32.7577

■ 130.3360, -3.1236,
-24.8507

■ 135.6190, -2.2772,
-16.3289

■ 140.7170, -0.8465,
-8.5218

Harmonies

Analogous

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



114.5820, -43.1779, -11.0344



94.0240, -10.3648, -82.4590



102.1860, 10.7543, -89.6171

Triad

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



94.0240, -10.3648, -82.4590



103.9490, 60.6641, -91.1633



122.1150, -20.7627, 79.7061

Complementary

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



94.0240, -10.3648, -82.4590



51.9760, 10.3648, 82.4590

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.



123.3040, 2.8081, 79.5404



94.0240, -10.3648, -82.4590



127.8030, 42.4951, -3.3352

Square

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



94.0240, -10.3648, -82.4590



108.6960, 50.9289, -95.3264



129.3230, 23.9978, 49.7057



122.0760, -41.9425, 59.5693

Rectangle

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



94.0240, -10.3648, -82.4590



106.1760, 26.0422, -93.1164



129.3230, 23.9978, 49.7057



121.9010, -12.7692, 82.5248

Sweetspot

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



94.0240, -10.3648, -82.4590



168.6510, -4.2649, -32.1429



107.5290, -53.0118, -30.2819



81.8960, -2.4137, -19.2028



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



94.0240, -10.3648, -82.4590



121.6590, -13.6359, -106.6949



102.3460, 21.5214, -89.7574



71.4510, -0.7153, -3.9035



88.8720, -9.7969, -77.9407



6.4400, -0.7099, -5.6479

Inverse Universe

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



51.9760, 10.3648, 82.4590



67.2270, 13.1991, 106.7949



43.6540, -21.5214, 89.7574



69.4350, 0.2785, 4.0035



49.1280, 9.7969, 77.9407



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 94.0240, -10.3648, -82.4590 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 94.0240, -10.3648, -82.4590 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 94.0240, -10.3648, -82.4590

Background



This preview shows how black text looks on a background with the YUV color 94.0240, -10.3648, -82.4590.



This preview shows how white text looks on a background with the YUV color 94.0240, -10.3648, -82.4590.

-82.4590.

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

94.0240, -10.3648, -82.4590

Protanopia

123.0470, -28.1242, 13.9908

Deuteranopia

124.8940, -22.6257, 23.7720



Tritanopia

114.7360, 16.8922, -51.5115

Trichromacy



Original Color

94.0240, -10.3648, -82.4590



Protanomaly

112.2490, -21.3218, -21.2664



Deuteranomaly

113.5040, -17.9965, -14.4740



Tritanomaly

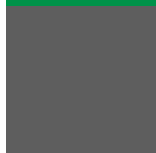
107.3250, 6.7418, -62.5520

Monochromacy



Original Color

94.0240, -10.3648, -82.4590



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

94.0750, -3.9810, -29.8838

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.0240, -10.3648, -82.4590 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(0, 146, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 73)  
}
```

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(0, 146, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 73) }
```

Border

The CSS property to change the border of an element to YUV 94.0240, -10.3648, -82.4590 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(0, 146, 73) }
```


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

```
.border{ border-color:rgb(0, 146, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 73);  
box-shadow:4px 4px 4px 4px rgb(0, 146, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 94.0240, -10.3648, -82.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 73) }
```

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

```
.background{ background-color: rgb(0, 146,  
73) }
```

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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