

Converting Colors

YUV(101.0170, -2.9664,
-75.4369)

Have a look what the booklet for
YUV(101.0170, -2.9664, -75.4369)
contains.

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Color

**YUV(101.0170, -2.9664,
-75.4369)**

Conversions

Conversions Part 1

Format	Color
Hex	0F925F
RGB	15, 146, 95
RGB Percent	6%, 57%, 37%
CMY	0.9412, 0.4275, 0.6275
CMYK	0.90, 0.00, 0.35, 0.43
HSL	157°, 81%, 32%
HSV	157°, 90%, 57%
XYZ	12.5414, 21.4856, 14.3126
YIQ	101.0170, -61.7050, -43.6330

Conversions

Conversions Part 2

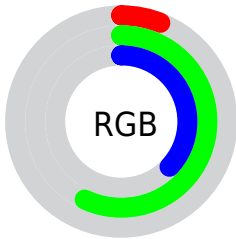
Format	Color
RYB	15, 96, 146
Decimal	1020511
CIELab	53.48, -44.92, 18.10
CIELCh	53, 48.428, 158.057
Yxy	21.4856, 0.2594, 0.4445
Android (android.graphics.Color)	4279210591 (0xFF0F925F)
YUV	101.0170, -2.9664, -75.4369
Hunter-Lab	46.3525, -32.8207, 14.1394

Details

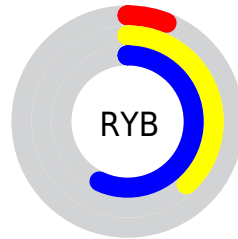
The YUV color **101.0170, -2.9664, -75.4369** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **59.9830, 2.9664, 75.4369**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9430, -7.3669, -63.9710**, and **60.6500, -6.2364, -53.1900** is the 20% darker color. If you saturate the color by 10%, you get **95.8480, -3.3761, -84.0587**, and if you desaturate by 10%, it is **106.1860, -2.5567, -66.8151**.

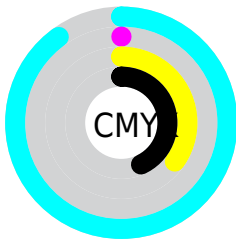
Distribution



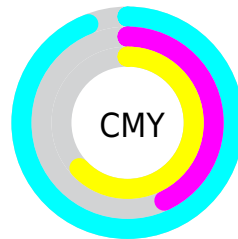
- Red (6%)
- Green (57%)
- Blue (37%)



- Red (6%)
- Yellow (38%)
- Blue (57%)



- Cyan (90%)
- Magenta (0%)
- Yellow (35%)
- Black (43%)



- Cyan (94%)
- Magenta (43%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.0170, -2.9664, -75.4369 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 101.0170, -2.9664, -75.4369 by changing the saturation by 10% instead.

■ 101.0170, -2.9664,
-75.4369

■ 101.0170, -2.9664,
-75.4369

■ 255.0000, 0.0000,
0.0000

■ 78.5340, -3.7143,
-68.8743

■ 160.9430, -7.3669,
-63.9710

■ 60.6500, -6.2364,
-53.1900

■ 189.0140, -8.3879,
-63.1563

■ 43.5810, -8.1744,
-38.2205

■ 216.1390, -7.9565,
-61.5119

■ 27.2300, -12.4384,
-23.8807

■ 228.0020, -0.0010,
-46.4828

■ 11.7400, -5.7878,
-10.2960

■ 239.7510, 7.5178,
-31.3536

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 101.0170, -2.9664,
-75.4369

■ 101.0170, -2.9664,
-75.4369

■ 95.8480, -3.3761,
-84.0587

■ 106.1860, -2.5567,
-66.8151

■ 110.9420, -2.4364,
-58.7081

■ 116.1110, -2.0267,
-50.0863

■ 120.9810, -1.4696,
-42.0793

■ 126.0360, -1.4967,
-33.3576

■ 131.2050, -1.0871,
-24.7358

■ 136.0750, -0.5300,
-16.7288

■ 141.1300, -0.5571,
-8.0070

■ 146.0000, 0.0000,
0.0000

Harmonies

Analogous

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



117.4960, -29.3315, -18.8520



101.0170, -2.9664, -75.4369



102.6080, 17.4483, -89.9872

Triad

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



101.0170, -2.9664, -75.4369



119.9950, 44.3725, -45.5996



126.5060, -23.9135, 63.5772

Complementary

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



101.0170, -2.9664, -75.4369



59.9830, 2.9664, 75.4369

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.



127.2780, -4.5741, 67.2852



101.0170, -2.9664, -75.4369



131.2150, 30.9530, 12.0894

Square

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



101.0170, -2.9664, -75.4369



105.5500, 49.0288, -92.5674



130.5050, 14.5410, 49.5461



124.7150, -37.8205, 44.0999

Rectangle

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



101.0170, -2.9664, -75.4369



105.8000, 29.6786, -92.7866



130.5050, 14.5410, 49.5461



126.2490, -17.3778, 67.3106

Sweetspot

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



101.0170, -2.9664, -75.4369



171.4710, -1.2182, -29.3541



107.4450, -45.5754, -35.4703



83.7760, -0.3826, -17.3436



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.



101.0170, -2.9664, -75.4369



124.0530, -4.4631, -108.7945



99.2000, 23.0724, -73.8434



71.5650, -0.2785, -4.0035



90.5820, -3.2449, -79.4404



6.5540, -0.2731, -5.7479

Inverse Universe

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



59.9830, 2.9664, 75.4369



64.8330, 4.0263, 108.8945



61.8000, -23.0724, 73.8434



69.3210, -0.1583, 4.1035



47.4180, 3.2449, 79.4404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 101.0170, -2.9664, -75.4369 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 101.0170, -2.9664, -75.4369 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 101.0170, -2.9664, -75.4369

Background



This preview shows how black text looks on a background with the YUV color 101.0170, -2.9664, -75.4369.



This preview shows how white text looks on a background with the YUV color 101.0170, -2.9664, -75.4369.

-75.4369.

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

101.0170, -2.9664, -75.4369

Protanopia

125.4300, -18.9460, 10.1469

Deuteranopia

127.2660, -13.4421, 18.1837



Tritanopia

114.5400, 17.4818, -53.9706

Trichromacy



Original Color

101.0170, -2.9664, -75.4369



Protanomaly

116.7250, -13.1754, -20.8068



Deuteranomaly

117.9690, -9.8447, -15.7588



Tritanomaly

109.8350, 9.9413, -62.1223

Monochromacy



Original Color

101.0170, -2.9664, -75.4369



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

100.8950, -0.9342, -27.0949

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.0170, -2.9664, -75.4369 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(15, 146, 95)` looks like.

```
.text, #text, p{  
    color:rgb(15, 146, 95)  
}
```

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(15, 146, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 146, 95) }
```

Border

The CSS property to change the border of an element to YUV 101.0170, -2.9664, -75.4369 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(15, 146, 95) }
```


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

```
.border{ border-color:rgb(15, 146, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 146, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 146, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 146, 95);  
box-shadow:4px 4px 4px 4px rgb(15, 146,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 101.0170, -2.9664, -75.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 146, 95) }
```

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

```
.background{ background-color: rgb(15, 146,  
95) }
```

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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