

Converting Colors

YUV(75.4070, 9.1663, -46.8379)

Have a look what the booklet for
YUV(75.4070, 9.1663, -46.8379)
contains.

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Color

**YUV(75.4070, 9.1663,
-46.8379)**

Conversions

Conversions Part 1

Format	Color
Hex	16635E
RGB	22, 99, 94
RGB Percent	9%, 39%, 37%
CMY	0.9137, 0.6118, 0.6314
CMYK	0.78, 0.00, 0.05, 0.61
HSL	176°, 64%, 24%
HSV	176°, 78%, 39%
XYZ	6.8131, 9.9024, 12.1419
YIQ	75.4070, -44.2870, -17.8790

Conversions

Conversions Part 2

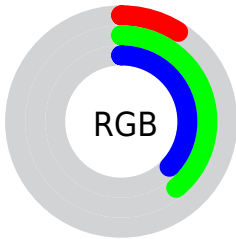
Format	Color
R_{YB}	22, 62, 99
Decimal	1467230
CIE Lab	37.67, -23.62, -3.74
CIE LCh	38, 23.915, 188.990
Yxy	9.9024, 0.2361, 0.3431
Android (android.graphics.Color)	4279657310 (0xFF16635E)
YUV	75.4070, 9.1663, -46.8379
Hunter-Lab	31.4681, -16.4225, -0.8493

Details

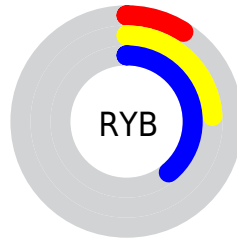
The YUV color **75.4070, 9.1663, -46.8379** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **45.5930, -9.1663, 46.8379**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3860, 7.6977, -42.4345**, and **35.9960, 5.9180, -31.5685** is the 20% darker color. If you saturate the color by 10%, you get **72.3030, 10.2036, -52.8857**, and if you desaturate by 10%, it is **78.5110, 8.1291, -40.7901**.

Distribution



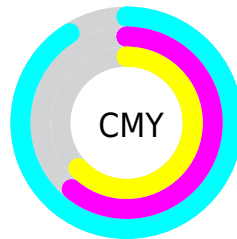
- Red (9%)
- Green (39%)
- Blue (37%)



- Red (9%)
- Yellow (24%)
- Blue (39%)



- Cyan (78%)
- Magenta (0%)
- Yellow (5%)
- Black (61%)



- Cyan (91%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.4070, 9.1663, -46.8379 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 75.4070, 9.1663, -46.8379 by changing the saturation by 10% instead.

■ 75.4070, 9.1663,
-46.8379

■ 75.4070, 9.1663,
-46.8379

■ 255.0000, 0.0000,
0.0000

■ 52.0050, 8.8715,
-45.6084

■ 128.3860, 7.6977,
-42.4345

■ 35.9960, 5.9180,
-31.5685

■ 155.3860, 7.6977,
-42.4345

■ 21.8620, 2.5330,
-19.1730

■ 182.9730, 7.4083,
-42.9493

■ 0.0000, 0.0000,
0.0000

■ 210.6740, 7.5557,
-43.5641

■ 235.2660, 9.7289,
-40.5753

■ 243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

75.4070, 9.1663,
-46.8379

75.4070, 9.1663,
-46.8379

72.3030, 10.2036,
-52.8857

78.5110, 8.1291,
-40.7901

69.3130, 11.6777,
-59.0335

81.5010, 6.6550,
-34.6424

68.7150, 11.9725,
-60.2631

84.6050, 5.6177,
-28.5946

87.7090, 4.5805,
-22.5468

90.6990, 3.1064,
-16.3990

■ 93.5040, 2.2165,
-10.9660

■ 96.6080, 1.1793,
-4.9182

■ 99.5980, -0.2948,
1.2296

■ 102.7020, -1.3321,
7.2773

Harmonies

Analogous

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



81.2110, -3.5550, -26.4950



75.4070, 9.1663, -46.8379



70.8920, 20.2662, -60.4183

Triad

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



75.4070, 9.1663, -46.8379



91.0020, 13.8030, 6.1372



88.5500, -17.5261, 21.4427

Complementary

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



75.4070, 9.1663, -46.8379



45.5930, -9.1663, 46.8379

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.



89.6850, -12.1697, 30.0943



75.4070, 9.1663, -46.8379



91.6360, 5.6025, 23.1212

Square

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



75.4070, 9.1663, -46.8379



87.6510, 19.3991, -15.4799



90.5740, -3.7340, 31.0686



86.6470, -18.0670, 8.2026

Rectangle

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



75.4070, 9.1663, -46.8379



77.0230, 21.6807, -47.3782



90.5740, -3.7340, 31.0686



88.9140, -16.2266, 24.6314

Sweetspot

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



75.4070, 9.1663, -46.8379



118.8020, 3.5486, -18.2434



68.6940, -23.0201, -36.5656



58.5040, 2.2165, -10.9660



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



75.4070, 9.1663, -46.8379



91.5070, 14.0470, -72.3586



56.6060, 20.9002, -30.3495



46.8040, 0.5896, -2.4591



77.7140, 13.4520, -68.1552



166.4160, 28.3889, -145.9468

Inverse Universe

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



45.5930, -9.1663, 46.8379



45.4930, -14.0470, 72.3586



64.3940, -20.9002, 30.3495



45.1960, -0.5896, 2.4591



34.2860, -13.4520, 68.1552



73.5840, -28.3889, 145.9468

Previews

White Background



This preview shows how the YUV color 75.4070, 9.1663, -46.8379 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 ✓ Pass

Black Background



This preview shows how the YUV color 75.4070, 9.1663, -46.8379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 75.4070, 9.1663, -46.8379

Background



This preview shows how black text looks on a background with the YUV color 75.4070, 9.1663, -46.8379.



This preview shows how white text looks on a background with the YUV color 75.4070, 9.1663, -46.8379.

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

75.4070, 9.1663, -46.8379

Protanopia

88.4840, -0.7316, 1.3295

Deuteranopia

89.3470, 3.7729, 3.2037



Tritanopia

77.8790, 13.3707, -41.9899

Trichromacy



Original Color

75.4070, 9.1663, -46.8379

Protanomaly

83.6990, 3.1064, -16.3990

Deuteranomaly

84.3940, 5.7218, -15.2545

Tritanomaly

77.1130, 11.7763, -43.9491

Monochromacy



Original Color

75.4070, 9.1663, -46.8379

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.4000, 3.2538, -17.0138

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4070, 9.1663, -46.8379 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(22, 99, 94)` looks like.

```
.text, #text, p{  
    color:rgb(22, 99, 94)  
}
```

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(22, 99, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 99, 94) }
```

Border

The CSS property to change the border of an element to YUV 75.4070, 9.1663, -46.8379 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(22, 99, 94) }
```


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

```
.border{ border-color:rgb(22, 99, 94) }
```

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

Here you see how a box with a 4 pixel rgb(22, 99, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 99, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 99, 94);  
box-shadow:4px 4px 4px 4px rgb(22, 99, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.4070, 9.1663, -46.8379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 99, 94) }
```

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

```
.background{ background-color: rgb(22, 99,  
94) }
```

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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