

Converting Colors

YUV(61.9670, 9.8763, -41.1901)

Have a look what the booklet for
YUV(61.9670, 9.8763, -41.1901)
contains.

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Color

**YUV(61.9670, 9.8763,
-41.1901)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0F5252 |
| RGB | 15, 82, 82 |
| RGB Percent | 6%, 32%, 32% |
| CMY | 0.9412, 0.6784, 0.6784 |
| CMYK | 0.82, 0.00, 0.00, 0.68 |
| HSL | 180°, 69%, 19% |
| HSV | 180°, 82%, 32% |
| XYZ | 4.7373, 6.7453, 9.0349 |
| YIQ | 61.9670, -39.9320, -14.2040 |

Conversions

Conversions Part 2

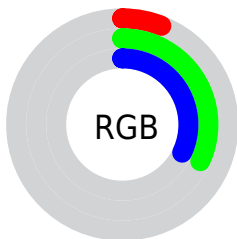
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 15, 49, 82 |
| Decimal | 1004114 |
| CIE _{Lab} | 31.22, -19.53, -5.82 |
| CIE _{LCh} | 31, 20.377, 196.596 |
| Yxy | 6.7453, 0.2309, 0.3288 |
| Android (android.graphics.Color) | 4279194194 (0xFF0F5252) |
| YUV | 61.9670, 9.8763, -41.1901 |
| Hunter-Lab | 25.9718, -12.8920, -2.4453 |

Details

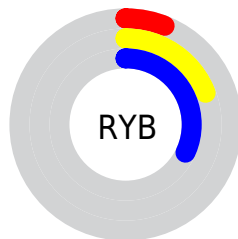
The YUV color **61.9670, 9.8763, -41.1901** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35.0330, -9.8763, 41.1901**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9460, 8.4076, -36.7866**, and **25.9370, 5.4541, -22.7467** is the 20% darker color. If you saturate the color by 10%, you get **59.5750, 11.0555, -46.1083**, and if you desaturate by 10%, it is **64.3590, 8.6970, -36.2718**.

Distribution



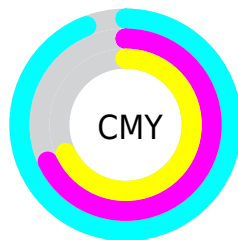
- Red (6%)
- Green (32%)
- Blue (32%)



- Red (6%)
- Yellow (19%)
- Blue (32%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (68%)



- Cyan (94%)
- Magenta (68%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9670, 9.8763, -41.1901 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 61.9670, 9.8763, -41.1901 by changing the saturation by 10% instead.

61.9670, 9.8763,
-41.1901

61.9670, 9.8763,
-41.1901

255.0000, 0.0000,
0.0000

41.3590, 8.6970,
-36.2718

113.9460, 8.4076,
-36.7866

25.9370, 5.4541,
-22.7467

139.9460, 8.4076,
-36.7866

7.2210, 4.8210,
-6.3328

166.9460, 8.4076,
-36.7866

0.0000, 0.0000,
0.0000

194.6470, 8.5550,
-37.4014

222.3480, 8.7024,
-38.0162

240.9470, 6.9281,

-28.8945

■ 249.3190, 2.8007,
-11.6808

■ 61.9670, 9.8763,
-41.1901

■ 61.9670, 9.8763,
-41.1901

■ 59.5750, 11.0555,
-46.1083

■ 64.3590, 8.6970,
-36.2718

■ 57.4820, 12.0874,
-50.4117

■ 66.7510, 7.5178,
-31.3536

■ 69.4420, 6.1911,
-25.8206

■ 71.8340, 5.0118,
-20.9024

■ 74.2260, 3.8326,
-15.9842

■ 76.6180, 2.6533,
-11.0660

■ 79.0100, 1.4741,
-6.1478

■ 81.7010, 0.1474,
-0.6148

■ 84.0930, -1.0318,
4.3034

Harmonies

Analogous

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



66.7210, -0.3555, -26.0653



61.9670, 9.8763, -41.1901



62.0790, 16.7231, -43.9193

Triad

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



61.9670, 9.8763, -41.1901



75.2860, 9.7190, 9.3962



72.9020, -14.7417, 14.9949

Complementary

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



61.9670, 9.8763, -41.1901



35.0330, -9.8763, 41.1901

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.



74.1680, -11.4218, 23.5317



61.9670, 9.8763, -41.1901



75.5280, 2.6977, 21.4619

Square

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



61.9670, 9.8763, -41.1901



73.5550, 15.0094, -7.5027



74.6120, -4.7387, 26.6503



71.2380, -14.4143, 3.2993

Rectangle

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



61.9670, 9.8763, -41.1901



66.6720, 17.4167, -33.0383



74.6120, -4.7387, 26.6503



73.1520, -13.8789, 18.2837

Sweetspot

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



61.9670, 9.8763, -41.1901



98.9270, 3.9800, -16.5990



54.3290, -19.3892, -34.4915



48.9170, 2.5059, -10.4512



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



61.9670, 9.8763, -41.1901



75.6050, 15.4777, -64.5516



42.5960, 19.4262, -24.2017



39.8040, 0.5896, -2.4591



73.6050, 15.4777, -64.5516



162.6320, 34.1984, -142.6283

Inverse Universe

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



42.6710, 19.3892, 34.4915



45.3650, 30.3861, 54.0539



54.9910, -19.7156, 23.6869



38.6520, 1.1576, 2.0592



43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 61.9670, 9.8763, -41.1901 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 61.9670, 9.8763, -41.1901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

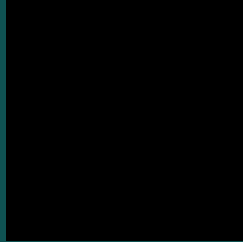
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

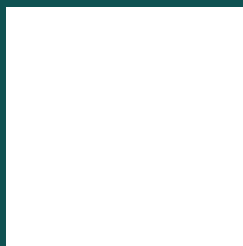
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 61.9670, 9.8763, -41.1901

Background



This preview shows how black text looks on a background with the YUV color 61.9670, 9.8763, -41.1901.



This preview shows how white text looks on a background with the YUV color 61.9670, 9.8763, -41.1901.

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

61.9670, 9.8763, -41.1901

Protanopia

73.6410, 1.1630, 0.3148

Deuteranopia

74.2650, 4.7994, 0.6446



Tritanopia

63.5590, 12.0494, -38.2012

Trichromacy



Original Color

61.9670, 9.8763, -41.1901

Protanomaly

69.3510, 4.2640, -14.3398

Deuteranomaly

69.9210, 6.4479, -14.8397

Tritanomaly

62.7330, 11.4706, -39.2308

Monochromacy



Original Color

61.9670, 9.8763, -41.1901

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8240, 3.5378, -14.7546

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9670, 9.8763, -41.1901 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, 82, 82)` looks like.

```
.text, #text, p{  
    color:rgb(15, 82, 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(15, 82, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 82, 82) }
```

Border

The CSS property to change the border of an element to YUV 61.9670, 9.8763, -41.1901 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, 82, 82) }
```


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

```
.border{ border-color:rgb(15, 82, 82) }
```

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

Here you see how a box with a 4 pixel rgb(15, 82, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 82, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 82, 82);  
box-shadow:4px 4px 4px 4px rgb(15, 82, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.9670, 9.8763, -41.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 82, 82) }
```

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

```
.background{ background-color: rgb(15, 82,  
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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