

Converting Colors

YUV(71.5660, -5.2090, -9.2664)

Have a look what the booklet for
YUV(71.5660, -5.2090, -9.2664)
contains.

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Color

**YUV(71.5660, -5.2090,
-9.2664)**

Conversions

Conversions Part 1

Format	Color
Hex	3D4F3D
RGB	61, 79, 61
RGB Percent	24%, 31%, 24%
CMY	0.7608, 0.6902, 0.7608
CMYK	0.23, 0.00, 0.23, 0.69
HSL	120°, 13%, 27%
HSV	120°, 23%, 31%
XYZ	5.5628, 6.9210, 5.4576
YIQ	71.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

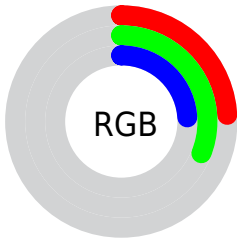
Format	Color
RYB	61, 79, 79
Decimal	4017981
CIELab	31.63, -11.16, 8.37
CIElCh	32, 13.951, 143.116
Yxy	6.9210, 0.3101, 0.3858
Android (android.graphics.Color)	4282208061 (0xFF3D4F3D)
YUV	71.5660, -5.2090, -9.2664
Hunter-Lab	26.3078, -8.2949, 6.1157

Details

The YUV color **71.5660, -5.2090, -9.2664** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.4340, 5.2090, 9.2664**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.0390, -5.9352, -9.6812**, and **28.0930, -4.4828, -8.8516** is the 20% darker color. If you saturate the color by 10%, you get **68.2620, -7.5242, -13.3848**, and if you desaturate by 10%, it is **74.8700, -2.8939, -5.1480**.

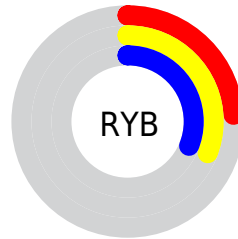
Distribution



 Red (24%)

 Green (31%)

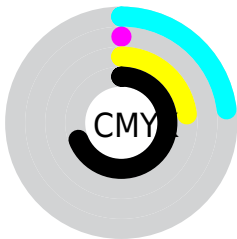
 Blue (24%)



 Red (24%)

 Yellow (31%)

 Blue (31%)

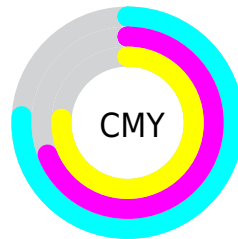


 Cyan (23%)

 Magenta (0%)

 Yellow (23%)

 Black (69%)



 Cyan (76%)

 Magenta (69%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.5660, -5.2090, -9.2664 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 71.5660, -5.2090, -9.2664 by changing the saturation by 10% instead.

■ 71.5660, -5.2090,
-9.2664

■ 71.5660, -5.2090,
-9.2664

■ 255.0000, 0.0000,
0.0000

■ 48.9790, -4.9196,
-8.7516

■ 120.0390, -5.9352,
-9.6812

■ 28.0930, -4.4828,
-8.8516

■ 145.7400, -5.7878,
-10.2960

■ 6.4570, -3.1833,
-5.6628

■ 172.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 199.9140, -6.3666,
-11.3256

■ 227.9140, -6.3666,
-11.3256

■ 250.3430, -3.6201,

-5.5628

■ 71.5660, -5.2090,
-9.2664

■ 71.5660, -5.2090,
-9.2664

■ 68.2620, -7.5242,
-13.3848

■ 74.8700, -2.8939,
-5.1480

■ 64.9580, -9.8393,
-17.5032

■ 78.1740, -0.5788,
-1.0296

■ 61.6540, -12.1544,
-21.6216

■ 81.4780, 1.7363,
3.0888

■ 58.3500, -14.4695,
-25.7399

■ 84.7820, 4.0515,
7.2072

■ 55.4590, -16.4953,
-29.3435

■ 88.0860, 6.3666,
11.3256

■ 52.1550, -18.8104,
-33.4619

■ 90.9770, 8.3923,
14.9292

■ 48.8510, -21.1255,
-37.5803

■ 94.2810, 10.7075,
19.0476

■ 46.3730, -22.8619,
-40.6691

■ 97.5850, 13.0226,
23.1660

■ 100.8890, 15.3377,
27.2843

Harmonies

Analogous

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



72.8940, -9.3147, 0.9700



71.5660, -5.2090, -9.2664



69.7050, 0.6384, -18.1583

Triad

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



71.5660, -5.2090, -9.2664



72.8980, 11.3893, -13.0655



75.8560, -4.8590, 18.5433

Complementary

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



71.5660, -5.2090, -9.2664



68.4340, 5.2090, 9.2664

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.



76.2130, 0.3880, 15.5992



71.5660, -5.2090, -9.2664



74.8070, 9.4621, -1.5847

Square

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



71.5660, -5.2090, -9.2664



70.3160, 10.6902, -22.2021



76.2490, 5.7932, 8.5516



74.8080, -8.7793, 15.9544

Rectangle

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



71.5660, -5.2090, -9.2664



69.7090, 4.5805, -22.5468



76.2490, 5.7932, 8.5516



76.3120, -3.1118, 18.1434

Sweetspot

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



71.5660, -5.2090, -9.2664



99.1090, -2.0257, -3.6036



76.9480, -7.8624, 1.7996



49.3480, -1.1576, -2.0592



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



71.5660, -5.2090, -9.2664



90.4360, -8.1029, -14.4144



72.5920, -1.2779, -10.1662



36.3480, -1.1576, -2.0592



59.8740, -29.5179, -52.5095



135.0100, -66.5599, -118.4038

Inverse Universe

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



68.4340, 5.2090, 9.2664



85.5640, 8.1029, 14.4144



67.4080, 1.2779, 10.1662



35.6520, 1.1576, 2.0592



42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 71.5660, -5.2090, -9.2664 looks on a white background.

Color Contrast Check

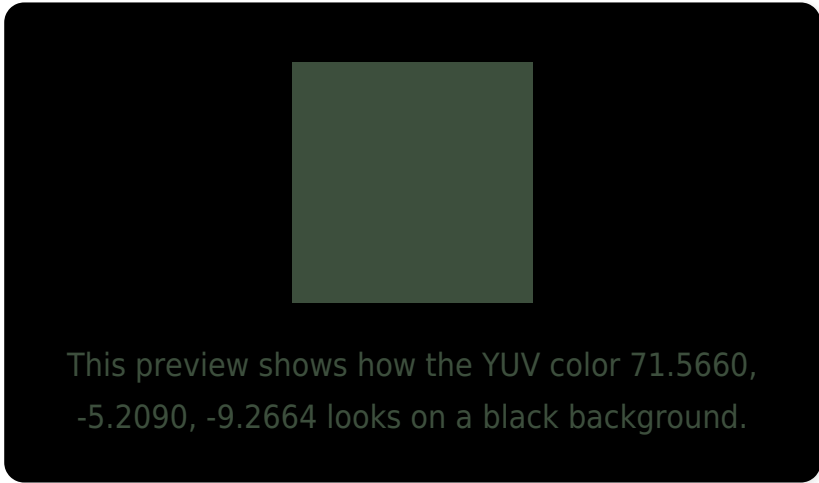
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

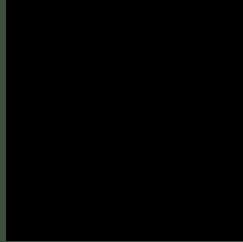
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.5660, -5.2090, -9.2664

Background



This preview shows how black text looks on a background with the YUV color 71.5660, -5.2090, -9.2664.



This preview shows how white text looks on a background with the YUV color 71.5660, -5.2090, -9.2664.

-9.2664.

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

71.5660, -5.2090, -9.2664

Protanopia

73.7850, -7.2890, 4.5736

Deuteranopia

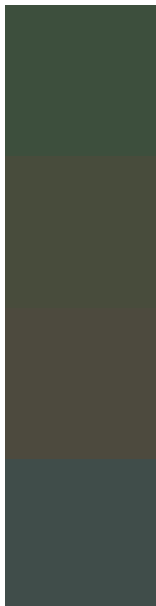
74.5730, -5.7055, 10.0215



Tritanopia

73.3950, 4.2423, -7.3624

Trichromacy



Original Color

71.5660, -5.2090, -9.2664

Protanomaly

72.9800, -6.3991, -0.8595

Deuteranomaly

73.5290, -5.6838, 3.0441

Tritanomaly

72.7710, 0.6059, -7.6922

Monochromacy



Original Color

71.5660, -5.2090, -9.2664

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1090, -2.0257, -3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5660, -5.2090, -9.2664 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(61, 79, 61)` looks like.

```
.text, #text, p{  
    color:rgb(61, 79, 61)  
}
```

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(61, 79, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 79, 61) }
```

Border

The CSS property to change the border of an element to YUV 71.5660, -5.2090, -9.2664 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(61, 79, 61) }
```


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

```
.border{ border-color:rgb(61, 79, 61) }
```

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

Here you see how a box with a 4 pixel rgb(61, 79, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 79, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 79, 61);  
box-shadow:4px 4px 4px 4px rgb(61, 79, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.5660, -5.2090, -9.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 79, 61) }
```

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

```
.background{ background-color: rgb(61, 79,  
61) }
```

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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