

Converting Colors

YUV(74.0370, -2.9762, -25.4654)

Have a look what the booklet for
YUV(74.0370, -2.9762, -25.4654)
contains.

YUV(74.0370, -2.9762, -25.4654)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(74.0370, -2.9762,
-25.4654)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5A44
RGB	45, 90, 68
RGB Percent	18%, 35%, 27%
CMY	0.8235, 0.6471, 0.7333
CMYK	0.50, 0.00, 0.24, 0.65
HSL	151°, 33%, 26%
HSV	151°, 50%, 35%
XYZ	5.7817, 8.2876, 6.7638
YIQ	74.0370, -19.7580, -16.3820

Conversions

Conversions Part 2

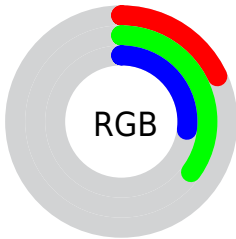
Format	Color
RYB	45, 75, 90
Decimal	2972228
CIELab	34.57, -21.35, 7.99
CIElCh	35, 22.798, 159.486
Yxy	8.2876, 0.2775, 0.3978
Android (android.graphics.Color)	4281162308 (0xFF2D5A44)
YUV	74.0370, -2.9762, -25.4654
Hunter-Lab	28.7881, -14.5297, 6.2215

Details

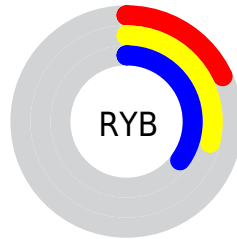
The YUV color **74.0370, -2.9762, -25.4654** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **60.9630, 2.9762, 25.4654**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5100, -3.7024, -25.8803**, and **28.6780, -1.8133, -25.1506** is the 20% darker color. If you saturate the color by 10%, you get **70.8900, -3.3968, -30.5985**, and if you desaturate by 10%, it is **77.1840, -2.5557, -20.3324**.

Distribution



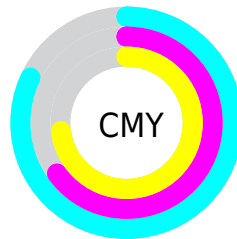
- Red (18%)
- Green (35%)
- Blue (27%)



- Red (18%)
- Yellow (29%)
- Blue (35%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (65%)



- Cyan (82%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.0370, -2.9762, -25.4654 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 74.0370, -2.9762, -25.4654 by changing the saturation by 10% instead.

■ 74.0370, -2.9762,
-25.4654

■ 74.0370, -2.9762,
-25.4654

255.0000, 0.0000,
0.0000

■ 50.2650, -2.1026,
-25.6654

■ 123.5100, -3.7024,
-25.8803

■ 28.6780, -1.8133,
-25.1506

■ 149.7980, -3.8444,
-27.0098

■ 14.6750, -7.2348,
-12.8700

■ 176.6840, -4.2812,
-26.9099

■ 0.0000, 0.0000,
0.0000

■ 204.2710, -4.5706,
-27.4247

■ 232.5590, -4.7126,
-28.5542

■ 246.8840, 2.5222,

-15.6843

■ 74.0370, -2.9762,
-25.4654

■ 74.0370, -2.9762,
-25.4654

■ 70.8900, -3.3968,
-30.5985

■ 77.1840, -2.5557,
-20.3324

■ 67.6290, -4.2541,
-35.6316

■ 80.4450, -1.6984,
-15.2993

■ 64.4820, -4.6746,
-40.7647

■ 83.5920, -1.2779,
-10.1662

■ 61.2210, -5.5320,
-45.7978

■ 86.8530, -0.4205,
-5.1331

■ 58.0740, -5.9525,
-50.9309

■ 90.0000, 0.0000,
0.0000

■ 93.1470, 0.4205,
5.1331

■ 96.4080, 1.2779,
10.1662

■ 99.5550, 1.6984,
15.2993

■ 102.8160, 2.5557,
20.3324

Harmonies

Analogous

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



77.4430, -12.0504, -8.2815



74.0370, -2.9762, -25.4654



68.4180, 9.1609, -45.0936

Triad

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



74.0370, -2.9762, -25.4654



80.0210, 18.2306, -14.0504



81.9020, -11.2907, 28.1499

Complementary

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



74.0370, -2.9762, -25.4654



60.9630, 2.9762, 25.4654

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.



82.6770, -3.2918, 29.2243



74.0370, -2.9762, -25.4654



83.0730, 12.7820, 6.9520

Square

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



74.0370, -2.9762, -25.4654



73.4480, 20.4851, -37.2269



83.8100, 5.0237, 22.0916



81.1800, -16.3577, 20.0131

Rectangle

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



74.0370, -2.9762, -25.4654



64.7030, 16.9084, -56.7445



83.8100, 5.0237, 22.0916



82.4830, -9.1121, 29.3944

Sweetspot

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



74.0370, -2.9762, -25.4654



111.0050, -0.9885, -9.6514



78.2920, -16.4130, -9.0261



55.0270, -0.9993, -6.1627



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



74.0370, -2.9762, -25.4654



92.1940, -4.5326, -39.6351



76.5450, 6.6333, -27.6650



44.2770, -0.1366, -2.8739



70.9540, -7.3723, -62.2267



152.9130, -15.7331, -134.1047

Inverse Universe

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



60.9630, 2.9762, 25.4654



71.8060, 4.5326, 39.6351



58.4550, -6.6333, 27.6650



42.8370, 0.5734, 2.7740



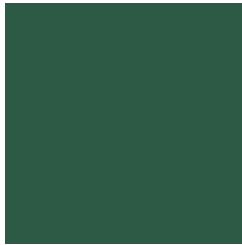
39.0460, 7.3723, 62.2267



84.0870, 15.7331, 134.1047

Previews

White Background



This preview shows how the YUV color 74.0370, -2.9762, -25.4654 looks on a white background.

Color Contrast Check

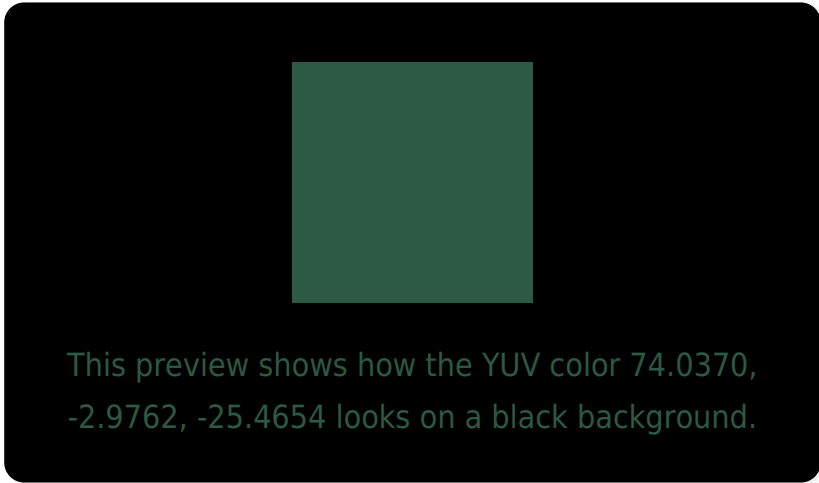
Large Text (above 18pt) WCAG AA ✓ Pass

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

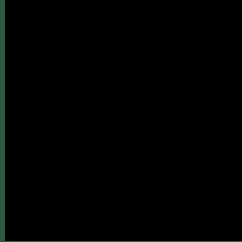
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.0370, -2.9762, -25.4654

Background



This preview shows how black text looks on a background with the YUV color 74.0370, -2.9762, -25.4654.



This preview shows how white text looks on a background with the YUV color 74.0370, -2.9762, -25.4654.

-25.4654.

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

74.0370, -2.9762, -25.4654

Protanopia

80.5570, -8.1626, 4.7735

Deuteranopia

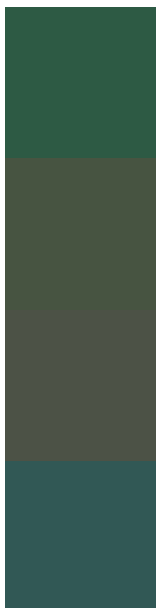
81.6870, -5.2687, 9.9215



Tritanopia

77.3330, 8.2168, -22.2170

Trichromacy



Original Color

74.0370, -2.9762, -25.4654

Protanomaly

77.9470, -6.3829, -6.0925

Deuteranomaly

78.8380, -4.3571, -2.4889

Tritanomaly

75.9970, 4.4385, -23.6764

Monochromacy



Original Color

74.0370, -2.9762, -25.4654

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0050, -0.9885, -9.6514

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.0370, -2.9762, -25.4654 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(45, 90, 68)` looks like.

```
.text, #text, p{  
    color:rgb(45, 90, 68)  
}
```

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(45, 90, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 90, 68) }
```

Border

The CSS property to change the border of an element to YUV 74.0370, -2.9762, -25.4654 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(45, 90, 68) }
```


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

```
.border{ border-color:rgb(45, 90, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 90, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 90, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 90, 68);  
box-shadow:4px 4px 4px 4px rgb(45, 90, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.0370, -2.9762, -25.4654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 90, 68) }
```

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

```
.background{ background-color: rgb(45, 90,  
68) }
```

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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