

Converting Colors

YUV(75.0330, 9.8437, -30.7239)

Have a look what the booklet for
YUV(75.0330, 9.8437, -30.7239)
contains.

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Color

**YUV(75.0330, 9.8437,
-30.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	28595F
RGB	40, 89, 95
RGB Percent	16%, 35%, 37%
CMY	0.8431, 0.6510, 0.6275
CMYK	0.58, 0.06, 0.00, 0.63
HSL	187°, 41%, 26%
HSV	187°, 58%, 37%
XYZ	6.5130, 8.4221, 12.1088
YIQ	75.0330, -31.1300, -8.5220

Conversions

Conversions Part 2

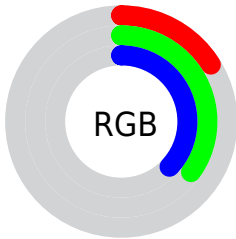
Format	Color
RYB	40, 66, 95
Decimal	2644319
CIELab	34.85, -14.56, -8.51
CIELCh	35, 16.867, 210.305
Yxy	8.4221, 0.2408, 0.3114
Android (android.graphics.Color)	4280834399 (0xFF28595F)
YUV	75.0330, 9.8437, -30.7239
Hunter-Lab	29.0208, -10.7266, -4.4239




Details

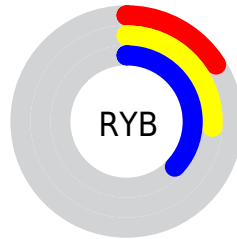
The YUV color **75.0330, 9.8437, -30.7239** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59.9670, -9.8437, 30.7239**, and the grayscale version is **75.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **125.3320, 9.6963, -30.1092**, and **30.8270, 8.9593, -27.0353** is the 20% darker color. If you saturate the color by 10%, you get **71.7550, 11.4598, -35.7421**, and if you desaturate by 10%, it is **78.3110, 8.2277, -25.7057**.

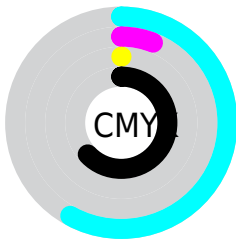
Distribution







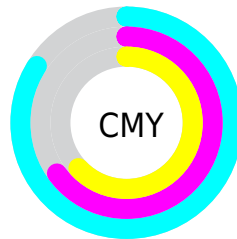
-  Red (16%)
-  Green (35%)
-  Blue (37%)






-  Red (16%)
-  Yellow (26%)
-  Blue (37%)



-  Cyan (58%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (84%)
-  Magenta (65%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.0330, 9.8437, -30.7239 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 75.0330, 9.8437, -30.7239 by changing the saturation by 10% instead.

■ 75.0330, 9.8437,
-30.7239

■ 75.0330, 9.8437,
-30.7239

■ 255.0000, 0.0000,
0.0000

■ 49.5380, 10.5808,
-33.7978

■ 125.3320, 9.6963,
-30.1092

■ 30.8270, 8.9593,
-27.0353

■ 152.0330, 9.8437,
-30.7239

■ 17.2800, 5.2850,
-15.1546

■ 178.7340, 9.9911,
-31.3387

■ 0.0000, 0.0000,
0.0000

■ 206.7340, 9.9911,
-31.3387

■ 234.7340, 9.9911,
-31.3387

■ 246.6280, 4.1274,

-17.2138

■ 75.0330, 9.8437,
-30.7239

■ 75.0330, 9.8437,
-30.7239

■ 71.7550, 11.4598,
-35.7421

■ 78.3110, 8.2277,
-25.7057

■ 68.1780, 13.2232,
-41.3751

■ 81.8880, 6.4642,
-20.0728

■ 64.9000, 14.8393,
-46.3933

■ 85.4650, 4.7008,
-14.4398

■ 61.3230, 16.6028,
-52.0263

■ 88.7430, 3.0847,
-9.4216

■ 60.7250, 16.8976,
-53.2558

■ 92.3200, 1.3212,
-3.7886

■ 95.5980, -0.2948,
1.2296

■ 98.8760, -1.9109,
6.2477

■ 102.4530, -3.6743,
11.8807

■ 106.0300, -5.4378,
17.5137

Harmonies

Analogous

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



75.6440, 3.1335, -25.1208



75.0330, 9.8437, -30.7239



77.0920, 13.7586, -26.3907

Triad

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



75.0330, 9.8437, -30.7239



83.8690, 5.4876, 13.2699



81.0260, -12.8308, 8.7472

Complementary

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



75.0330, 9.8437, -30.7239



59.9670, -9.8437, 30.7239

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.



82.7220, -11.6949, 17.7838



75.0330, 9.8437, -30.7239



83.9040, -0.9387, 21.1322

Square

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



75.0330, 9.8437, -30.7239



82.8720, 10.9091, 0.9893



83.3080, -7.0538, 22.5319



79.5300, -10.6143, -2.2188

Rectangle

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



75.0330, 9.8437, -30.7239



79.5490, 14.0263, -18.8985



83.3080, -7.0538, 22.5319



82.0480, -12.8417, 12.2359

Sweetspot

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



75.0330, 9.8437, -30.7239



114.8460, 3.5269, -11.2659



72.8550, -13.7325, -28.8138



56.8250, 2.0583, -6.8625



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



75.0330, 9.8437, -30.7239



91.6010, 14.9867, -47.0081



59.1840, 17.6573, -16.8244



46.8040, 0.5896, -2.4591



71.4680, 19.9823, -62.6774



152.9780, 42.9018, -134.1617

Inverse Universe

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



62.0310, 13.2957, 28.9138



71.6660, 20.3777, 44.1429



75.8160, -17.6573, 16.8244



45.6520, 1.1576, 2.0592



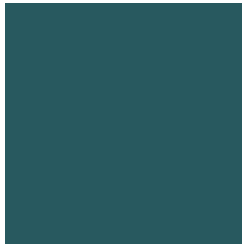
44.8880, 27.1702, 58.8572



96.1560, 58.0971, 126.1512

Previews

White Background



This preview shows how the YUV color 75.0330, 9.8437, -30.7239 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 75.0330, 9.8437, -30.7239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

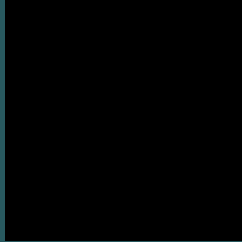
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.0330, 9.8437, -30.7239

Background



This preview shows how black text looks on a background with the YUV color 75.0330, 9.8437, -30.7239.



This preview shows how white text looks on a background with the YUV color 75.0330, 9.8437, -30.7239.

-30.7239.

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

75.0330, 9.8437, -30.7239

Protanopia

82.0260, 3.9312, -0.8998

Deuteranopia

82.5360, 7.1308, -0.4701



Tritanopia

75.1470, 10.2805, -30.8239

Trichromacy



Original Color

75.0330, 9.8437, -30.7239

Protanomaly

79.5300, 6.1477, -11.8658

Deuteranomaly

79.6980, 8.0369, -11.1361

Tritanomaly

75.1470, 10.2805, -30.8239

Monochromacy



Original Color

75.0330, 9.8437, -30.7239

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8460, 3.5269, -11.2659

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.0330, 9.8437, -30.7239 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(40, 89, 95)` looks like.

```
.text, #text, p{  
    color:rgb(40, 89, 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(40, 89, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 89, 95) }
```

Border

The CSS property to change the border of an element to YUV 75.0330, 9.8437, -30.7239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

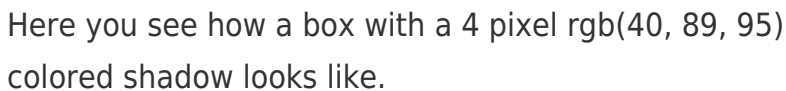
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(40, 89, 95) }
```


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

```
.border{ border-color:rgb(40, 89, 95) }
```

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



Here you see how a box with a 4 pixel `rgb(40, 89, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 89, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 89, 95);  
box-shadow:4px 4px 4px 4px rgb(40, 89, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.0330, 9.8437, -30.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 89, 95) }
```

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

```
.background{ background-color: rgb(40, 89,  
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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