

Converting Colors

YUV(73.8990, 3.0078, -31.4834)

Have a look what the booklet for
YUV(73.8990, 3.0078, -31.4834)
contains.

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Color

**YUV(73.8990, 3.0078,
-31.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	265B50
RGB	38, 91, 80
RGB Percent	15%, 36%, 31%
CMY	0.8510, 0.6431, 0.6863
CMYK	0.58, 0.00, 0.12, 0.64
HSL	168°, 41%, 25%
HSV	168°, 58%, 36%
XYZ	5.9884, 8.4734, 8.9093
YIQ	73.8990, -28.0570, -14.6570

Conversions

Conversions Part 2

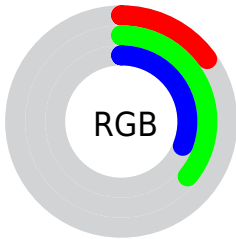
Format	Color
R_YB	38, 68, 91
Decimal	2513744
CIE _{Lab}	34.95, -20.65, 1.02
CIE _{LCh}	35, 20.680, 177.181
Yxy	8.4734, 0.2562, 0.3626
Android (android.graphics.Color)	4280703824 (0xFF265B50)
YUV	73.8990, 3.0078, -31.4834
Hunter-Lab	29.1092, -14.2197, 2.2297

Details

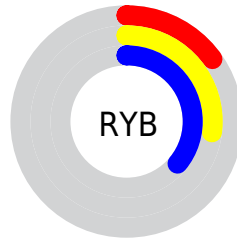
The YUV color **73.8990, 3.0078, -31.4834** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **55.1010, -3.0078, 31.4834**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3720, 2.2816, -31.8982**, and **30.5190, 2.7021, -26.7652** is the 20% darker color. If you saturate the color by 10%, you get **70.9800, 3.4609, -36.8165**, and if you desaturate by 10%, it is **76.8180, 2.5547, -26.1504**.

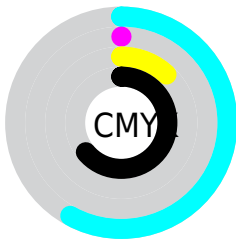
Distribution



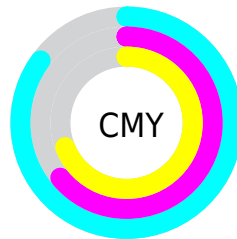
- Red (15%)
- Green (36%)
- Blue (31%)



- Red (15%)
- Yellow (27%)
- Blue (36%)



- Cyan (58%)
- Magenta (0%)
- Yellow (12%)
- Black (64%)



- Cyan (85%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.8990, 3.0078, -31.4834 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 73.8990, 3.0078, -31.4834 by changing the saturation by 10% instead.

■ 73.8990, 3.0078,
-31.4834

■ 73.8990, 3.0078,
-31.4834

■ 255.0000, 0.0000,
0.0000

■ 48.5180, 4.1816,
-34.6573

■ 124.3720, 2.2816,
-31.8982

■ 30.5190, 2.7021,
-26.7652

■ 150.3720, 2.2816,
-31.8982

■ 16.8580, -1.4090,
-14.7845

■ 177.3720, 2.2816,
-31.8982

■ 0.0000, 0.0000,
0.0000

■ 204.9590, 1.9922,
-32.4130

■ 233.3610, 2.2870,
-33.6426

■ 245.7310, 4.5696,

-19.0581

254.4020, 0.2948,
-1.2296

■ 73.8990, 3.0078,
-31.4834

■ 73.8990, 3.0078,
-31.4834

■ 70.9800, 3.4609,
-36.8165

■ 76.8180, 2.5547,
-26.1504

■ 68.0610, 3.9139,
-42.1495

■ 79.7370, 2.1017,
-20.8173

■ 65.1420, 4.3670,
-47.4825

■ 82.6560, 1.6486,
-15.4843

■ 62.2230, 4.8201,
-52.8156

■ 85.5750, 1.1955,
-10.1513

■ 61.6250, 5.1149,
-54.0451

■ 88.6790, 0.1583,
-4.1035

■ 91.5980, -0.2948,
1.2296

■ 94.5170, -0.7479,
6.5626

■ 97.4360, -1.2009,
11.8956

■ 100.3550, -1.6540,
17.2287

Harmonies

Analogous

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



76.8810, -6.3503, -16.5586



73.8990, 3.0078, -31.4834



71.0530, 12.7919, -43.0195

Triad

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



73.8990, 3.0078, -31.4834



82.9580, 13.8247, -0.8402



82.5870, -13.6004, 22.2872

Complementary

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



73.8990, 3.0078, -31.4834



55.1010, -3.0078, 31.4834

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.



83.5150, -7.6489, 26.7353



73.8990, 3.0078, -31.4834



84.7490, 7.5187, 15.1291

Square

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



73.8990, 3.0078, -31.4834



79.4610, 17.5207, -19.6983



84.4530, -0.2233, 25.0357



81.5380, -16.0412, 11.8062

Rectangle

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



73.8990, 3.0078, -31.4834



72.3890, 16.5702, -41.5602



84.4530, -0.2233, 25.0357



82.7660, -11.7166, 24.7612

Sweetspot

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



73.8990, 3.0078, -31.4834



110.5640, 1.2009, -11.8956



72.4000, -16.9592, -20.5218



55.0700, 0.4585, -7.0774



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.



73.8990, 3.0078, -31.4834



90.5440, 4.6618, -48.7121



66.3480, 12.1534, -24.8612



44.3910, 0.3002, -2.9739



74.4880, 6.1684, -65.3260



160.5510, 13.5324, -140.8032

Inverse Universe

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



55.1010, -3.0078, 31.4834



61.4560, -4.6618, 48.7121



62.6520, -12.1534, 24.8612



42.6090, -0.3002, 2.9739



35.5120, -6.1684, 65.3260



76.4490, -13.5324, 140.8032

Previews

White Background



This preview shows how the YUV color 73.8990, 3.0078, -31.4834 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 73.8990, 3.0078, -31.4834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

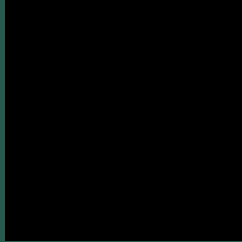
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.8990, 3.0078, -31.4834

Background



This preview shows how black text looks on a background with the YUV color 73.8990, 3.0078, -31.4834.



This preview shows how white text looks on a background with the YUV color 73.8990, 3.0078, -31.4834.

-31.4834.

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

73.8990, 3.0078, -31.4834

Protanopia

82.0990, -3.4998, 2.5442

Deuteranopia

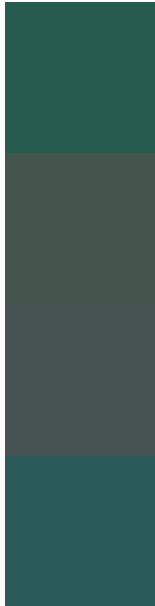
82.4460, 0.2731, 5.7479



Tritanopia

76.3430, 9.6909, -28.3648

Trichromacy



Original Color

73.8990, 3.0078, -31.4834

Protanomaly

79.0050, -0.9885, -9.6514

Deuteranomaly

78.9990, 1.4795, -7.8921

Tritanomaly

75.6480, 7.0755, -29.5093

Monochromacy



Original Color

73.8990, 3.0078, -31.4834

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8630, 1.0535, -11.2809

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8990, 3.0078, -31.4834 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(38, 91, 80)` looks like.

```
.text, #text, p{  
    color:rgb(38, 91, 80)  
}
```

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(38, 91, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 91, 80) }
```

Border

The CSS property to change the border of an element to YUV 73.8990, 3.0078, -31.4834 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(38, 91, 80) }
```


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

```
.border{ border-color:rgb(38, 91, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 91, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 91, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 91, 80);  
box-shadow:4px 4px 4px 4px rgb(38, 91, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.8990, 3.0078, -31.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 91, 80) }
```

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

```
.background{ background-color: rgb(38, 91,  
80) }
```

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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