

Converting Colors

YUV(73.3910, -3.1508, -16.1289)

Have a look what the booklet for
YUV(73.3910, -3.1508, -16.1289)
contains.

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Color

**YUV(73.3910, -3.1508,
-16.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	375443
RGB	55, 84, 67
RGB Percent	22%, 33%, 26%
CMY	0.7843, 0.6706, 0.7373
CMYK	0.35, 0.00, 0.20, 0.67
HSL	145°, 21%, 27%
HSV	145°, 35%, 33%
XYZ	5.7590, 7.5581, 6.4655
YIQ	73.3910, -11.8270, -11.4350

Conversions

Conversions Part 2

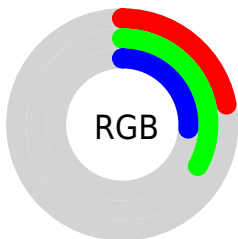
Format	Color
RYB	55, 76, 84
Decimal	3626051
CIELab	33.05, -15.02, 6.53
CIELCh	33, 16.377, 156.488
Yxy	7.5581, 0.2911, 0.3821
Android (android.graphics.Color)	4281816131 (0xFF375443)
YUV	73.3910, -3.1508, -16.1289
Hunter-Lab	27.4920, -10.7191, 5.3007

Details

The YUV color **73.3910, -3.1508, -16.1289** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65.6090, 3.1508, 16.1289**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.5650, -3.7295, -17.1585**, and **28.9180, -2.4246, -15.7141** is the 20% darker color. If you saturate the color by 10%, you get **70.4290, -4.1555, -20.5472**, and if you desaturate by 10%, it is **76.3530, -2.1460, -11.7106**.

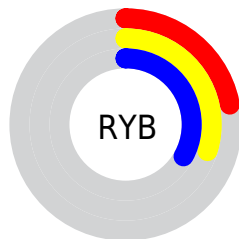
Distribution



Red (22%)

Green (33%)

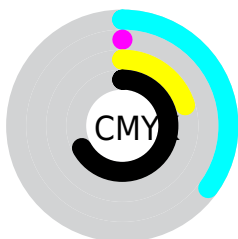
Blue (26%)



Red (22%)

Yellow (30%)

Blue (33%)

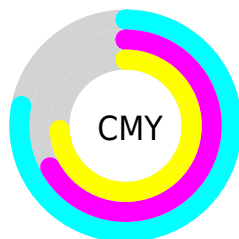


Cyan (35%)

Magenta (0%)

Yellow (20%)

Black (67%)



Cyan (78%)

Magenta (67%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3910, -3.1508, -16.1289 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 73.3910, -3.1508, -16.1289 by changing the saturation by 10% instead.

■ 73.3910, -3.1508,
-16.1289

■ 73.3910, -3.1508,
-16.1289

■ 255.0000, 0.0000,
0.0000

■ 50.8040, -2.8614,
-15.6141

■ 122.5650, -3.7295,
-17.1585

■ 28.9180, -2.4246,
-15.7141

■ 148.2660, -3.5821,
-17.7733

■ 11.1530, -5.4984,
-9.7812

■ 174.8530, -3.8715,
-18.2881

■ 0.0000, 0.0000,
0.0000

■ 202.4400, -4.1609,
-18.8029

■ 230.4400, -4.1609,
-18.8029

■ 249.4610, 0.7587,

-10.0513

■ 73.3910, -3.1508,
-16.1289

■ 73.3910, -3.1508,
-16.1289

■ 70.4290, -4.1555,
-20.5472

■ 76.3530, -2.1460,
-11.7106

■ 67.1680, -5.0128,
-25.5803

■ 79.6140, -1.2887,
-6.6775

■ 64.2060, -6.0176,
-29.9987

■ 82.5760, -0.2840,
-2.2592

■ 60.9450, -6.8749,
-35.0318

■ 85.8370, 0.5734,
2.7740

■ 57.9830, -7.8796,
-39.4501

■ 88.7990, 1.5781,
7.1923

■ 55.0210, -8.8844,
-43.8684

■ 91.7610, 2.5828,
11.6106

■ 53.2980, -9.0209,
-46.7423

■ 94.9080, 3.0034,
16.7437

■ 97.8700, 4.0081,
21.1620

■ 101.1310, 4.8654,
26.1951

Harmonies

Analogous

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



75.5620, -9.1511, -4.8779



73.3910, -3.1508, -16.1289



71.5730, 4.1545, -25.9355

Triad

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



73.3910, -3.1508, -16.1289



76.9630, 12.8362, -10.4916



79.0690, -7.9220, 20.9875

Complementary

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



73.3910, -3.1508, -16.1289



65.6090, 3.1508, 16.1289

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.



79.2630, -2.1017, 20.8173



73.3910, -3.1508, -16.1289



78.8400, 9.4459, 3.6483

Square

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



73.3910, -3.1508, -16.1289



73.7010, 13.4584, -23.4168



80.1250, 3.8824, 14.7994



77.7110, -11.6895, 16.0395

Rectangle

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



73.3910, -3.1508, -16.1289



71.1040, 8.8227, -29.9092



80.1250, 3.8824, 14.7994



79.2370, -6.0328, 21.7172

Sweetspot

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



73.3910, -3.1508, -16.1289



105.9130, -1.4361, -6.0627



77.1060, -10.8983, -4.4780



53.4510, -0.7153, -3.9035



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



73.3910, -3.1508, -16.1289



93.4670, -5.1602, -24.9656



74.9870, 2.9644, -17.5286



39.4620, -0.7208, -2.1592



66.5370, -11.6037, -58.3529



147.1280, -25.2061, -129.0313

Inverse Universe

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



65.6090, 3.1508, 16.1289



81.4190, 4.7234, 25.0655



64.0130, -2.9644, 17.5286



38.4240, 0.2840, 2.2592



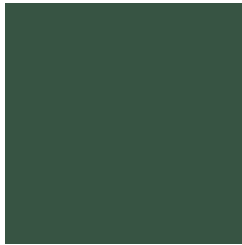
38.3490, 11.1669, 58.4529



84.8720, 25.2061, 129.0313

Previews

White Background



This preview shows how the YUV color 73.3910, -3.1508, -16.1289 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 73.3910, -3.1508, -16.1289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

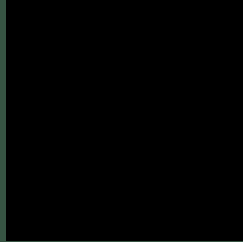
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3910, -3.1508, -16.1289

Background



This preview shows how black text looks on a background with the YUV color 73.3910, -3.1508, -16.1289.



This preview shows how white text looks on a background with the YUV color 73.3910, -3.1508,

-16.1289.

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

73.3910, -3.1508, -16.1289

Protanopia

77.0130, -6.4154, 4.3736

Deuteranopia

78.2030, -4.5371, 8.5920



Tritanopia

75.2200, 6.3005, -14.2249

Trichromacy



Original Color

73.3910, -3.1508, -16.1289

Protanomaly

75.8980, -5.3727, -3.4185

Deuteranomaly

76.2620, -4.0732, -0.2298

Tritanomaly

74.5960, 2.6642, -14.5547

Monochromacy



Original Color

73.3910, -3.1508, -16.1289

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0270, -0.9993, -6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3910, -3.1508, -16.1289 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(55, 84, 67)` looks like.

```
.text, #text, p{  
    color:rgb(55, 84, 67)  
}
```

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(55, 84, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 84, 67) }
```

Border

The CSS property to change the border of an element to YUV 73.3910, -3.1508, -16.1289 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(55, 84, 67) }
```


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

```
.border{ border-color:rgb(55, 84, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 84, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 84, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 84, 67);  
box-shadow:4px 4px 4px 4px rgb(55, 84, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.3910, -3.1508, -16.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 84, 67) }
```

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

```
.background{ background-color: rgb(55, 84,  
67) }
```

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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