

Converting Colors

YUV(73.3690, 17.0731,
-16.1096)

Have a look what the booklet for
YUV(73.3690, 17.0731, -16.1096)
contains.

YUV(73.3690, 17.0731, -16.1096)	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(73.3690, 17.0731,
-16.1096)**

Conversions

Conversions Part 1

Format	Color
Hex	374C6C
RGB	55, 76, 108
RGB Percent	22%, 30%, 42%
CMY	0.7843, 0.7020, 0.5765
CMYK	0.49, 0.30, 0.00, 0.58
HSL	216°, 33%, 32%
HSV	216°, 49%, 42%
XYZ	6.8668, 7.0638, 15.1889
YIQ	73.3690, -22.7880, 5.5000

Conversions

Conversions Part 2

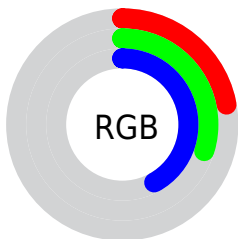
Format	Color
RYB	55, 70, 108
Decimal	3624044
CIELab	31.95, 1.56, -21.05
CIElCh	32, 21.107, 274.229
Yxy	7.0638, 0.2358, 0.2426
Android (android.graphics.Color)	4281814124 (0xFF374C6C)
YUV	73.3690, 17.0731, -16.1096
Hunter-Lab	26.5778, -0.3932, -15.2790

Details

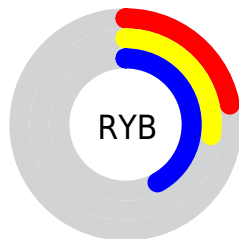
The YUV color **73.3690, 17.0731, -16.1096** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **89.6310, -17.0731, 16.1096**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.0100, 18.2361, -15.7948**, and **26.2220, 16.6526, -21.2427** is the 20% darker color. If you saturate the color by 10%, you get **65.9710, 20.7203, -19.2686**, and if you desaturate by 10%, it is **80.7670, 13.4259, -12.9507**.

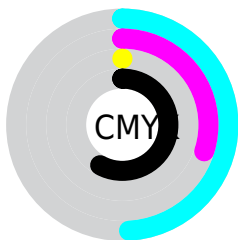
Distribution



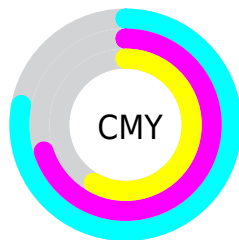
- Red (22%)
- Green (30%)
- Blue (42%)



- Red (22%)
- Yellow (27%)
- Blue (42%)



- Cyan (49%)
- Magenta (30%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (70%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3690, 17.0731, -16.1096 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 73.3690, 17.0731, -16.1096 by changing the saturation by 10% instead.

■ 73.3690, 17.0731,
-16.1096

■ 73.3690, 17.0731,
-16.1096

■ 255.0000, 0.0000,
0.0000

■ 49.6570, 16.9311,
-17.2392

■ 123.0100, 18.2361,
-15.7948

■ 26.2220, 16.6526,
-21.2427

■ 148.5370, 18.9623,
-15.3799

■ 9.1420, 14.7200,
-8.0175

■ 175.5370, 18.9623,
-15.3799

■ 2.4110, 6.6994,
-2.1144

■ 203.3520, 19.5465,
-16.0947

■ 0.0000, 0.0000,
0.0000

■ 229.5280, 12.5577,
-14.4951

■ 251.1130, 1.9163,

-7.9921

■ 73.3690, 17.0731,
-16.1096

■ 73.3690, 17.0731,
-16.1096

■ 65.9710, 20.7203,
-19.2686

■ 80.7670, 13.4259,
-12.9507

■ 59.1600, 24.0781,
-22.9423

■ 87.5780, 10.0680,
-9.2769

■ 52.0610, 27.5779,
-25.4865

■ 94.6770, 6.5682,
-6.7327

■ 45.2500, 30.9357,
-29.1603

■ 101.4880, 3.2104,
-3.0590

■ 37.8520, 34.5830,
-32.3192

■ 108.8860, -0.4368,
0.1000

■ 37.5530, 34.7304,
-32.9340

■ 115.6970, -3.7946,
3.7737

■ 123.0950, -7.4418,
6.9327

■ 129.6070,
-10.6523, 9.9917

■ 137.0050,
-14.2995, 13.1506

Harmonies

Analogous

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



66.9920, 18.7379, -36.8270



73.3690, 17.0731, -16.1096



76.7520, 12.9403, 2.8485

Triad

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



73.3690, 17.0731, -16.1096



75.7600, -9.2487, 26.5205



69.3150, -4.5923, -20.4473

Complementary

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



73.3690, 17.0731, -16.1096



89.6310, -17.0731, 16.1096

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.



72.0520, -12.3506, -5.3076



73.3690, 17.0731, -16.1096



75.0490, -14.3212, 20.1280

Square

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



73.3690, 17.0731, -16.1096



76.7090, -1.8285, 26.5652



73.9290, -15.7410, 8.8323



64.9630, 5.9342, -36.8016

Rectangle

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



73.3690, 17.0731, -16.1096



77.3790, 8.6872, 13.6996



73.9290, -15.7410, 8.8323



70.2510, -7.5187, -15.1291

Sweetspot

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



73.3690, 17.0731, -16.1096



126.6770, 6.5682, -6.7327



89.7590, -1.3602, -30.4836



63.3030, 3.7946, -3.7737



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



73.3690, 17.0731, -16.1096



86.1320, 26.5569, -24.6718



62.5370, 22.4133, -2.2249



49.8580, 2.0420, -1.6295



40.3400, 37.7934, -35.3782



84.8690, 78.9446, -74.4301

Inverse Universe

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



73.2410, 1.3602, 30.4836



86.1660, 1.8902, 47.2124



100.4630, -22.4133, 2.2249



50.0220, -0.0108, 3.4887



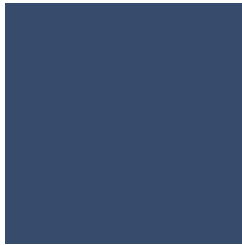
40.2270, 2.8461, 67.3299



84.3130, 6.2547, 140.9225

Previews

White Background



This preview shows how the YUV color 73.3690, 17.0731, -16.1096 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 73.3690, 17.0731, -16.1096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

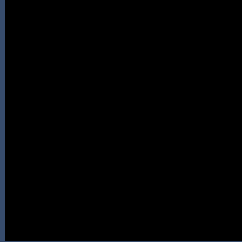
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

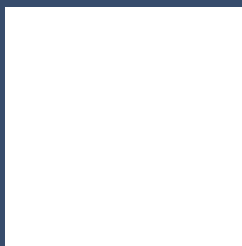
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 73.3690, 17.0731, -16.1096

Background



This preview shows how black text looks on a background with the YUV color 73.3690, 17.0731, -16.1096.

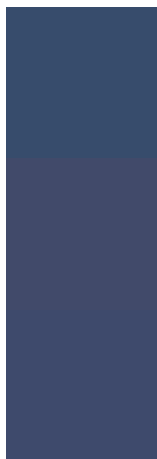


This preview shows how white text looks on a background with the YUV color 73.3690, 17.0731,

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

73.3690, 17.0731, -16.1096

Protanopia

74.9570, 15.3042, -8.7323

Deuteranopia

74.2880, 16.6200, -10.7766



Tritanopia

71.2300, 7.7746, -20.3727

Trichromacy



Original Color

73.3690, 17.0731, -16.1096

Protanomaly

74.4620, 16.0412, -11.8062

Deuteranomaly

73.9780, 16.7728, -13.1357

Tritanomaly

72.4520, 11.1162, -18.8134

Monochromacy



Original Color

73.3690, 17.0731, -16.1096

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3690, 17.0731, -16.1096 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, 76, 108)` looks like.

```
.text, #text, p{  
    color:rgb(55, 76, 108)  
}
```

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, 76, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 76, 108) }
```

Border

The CSS property to change the border of an element to YUV 73.3690, 17.0731, -16.1096 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, 76, 108) }
```


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

```
.border{ border-color:rgb(55, 76, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 76, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 76, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 76, 108);  
box-shadow:4px 4px 4px 4px rgb(55, 76,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 73.3690, 17.0731, -16.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 76, 108) }
```

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

```
.background{ background-color: rgb(55, 76,  
108) }
```

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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