

Converting Colors

YUV(74.0220, 16.7512, -6.1583)

Have a look what the booklet for
YUV(74.0220, 16.7512, -6.1583)
contains.

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Color

**YUV(74.0220, 16.7512,
-6.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	43476C
RGB	67, 71, 108
RGB Percent	26%, 28%, 42%
CMY	0.7373, 0.7216, 0.5765
CMYK	0.38, 0.34, 0.00, 0.58
HSL	234°, 23%, 34%
HSV	234°, 38%, 42%
XYZ	7.2748, 6.7825, 15.1131
YIQ	74.0220, -14.2610, 10.6590

Conversions

Conversions Part 2

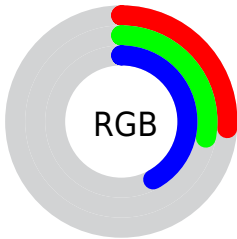
Format	Color
RYB	67, 71, 108
Decimal	4409196
CIELab	31.31, 8.38, -21.99
CIElCh	31, 23.533, 290.868
Yxy	6.7825, 0.2494, 0.2325
Android (android.graphics.Color)	4282599276 (0xFF43476C)
YUV	74.0220, 16.7512, -6.1583
Hunter-Lab	26.0432, 4.2856, -16.1763

Details

The YUV color **74.0220, 16.7512, -6.1583** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **100.9780, -16.7512, 6.1583**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.0760, 18.2035, -5.3287**, and **29.2560, 15.1568, -8.1175** is the 20% darker color. If you saturate the color by 10%, you get **64.8630, 21.2665, -7.7729**, and if you desaturate by 10%, it is **83.1810, 12.2358, -4.5437**.

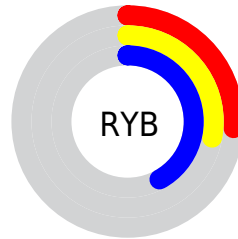
Distribution



Red (26%)

Green (28%)

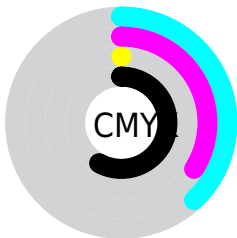
Blue (42%)



Red (26%)

Yellow (28%)

Blue (42%)

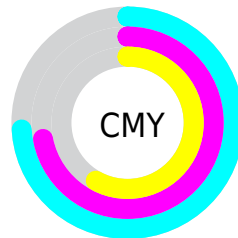


Cyan (38%)

Magenta (34%)

Yellow (0%)

Black (58%)



Cyan (74%)

Magenta (72%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.0220, 16.7512, -6.1583 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 74.0220, 16.7512, -6.1583 by changing the saturation by 10% instead.

■ 74.0220, 16.7512,
-6.1583

■ 74.0220, 16.7512,
-6.1583

255.0000, 0.0000,
0.0000

■ 51.1960, 16.1724,
-7.1879

■ 123.0760, 18.2035,
-5.3287

■ 29.2560, 15.1568,
-8.1175

■ 149.1900, 18.6403,
-5.4286

■ 5.0330, 16.7457,
-4.4139

■ 175.3040, 19.0771,
-5.5286

■ 2.4110, 6.6994,
-2.1144

■ 203.4180, 19.5139,
-5.6286

■ 0.0000, 0.0000,
0.0000

■ 229.5940, 12.5252,
-4.0289

254.7010, 0.1474,

-0.6148

■ 74.0220, 16.7512,
-6.1583

■ 74.0220, 16.7512,
-6.1583

■ 64.8630, 21.2665,
-7.7729

■ 83.1810, 12.2358,
-4.5437

■ 56.2910, 25.4925,
-9.9022

■ 91.7530, 8.0098,
-2.4144

■ 47.4310, 29.8605,
-10.9020

■ 100.6130, 3.6418,
-1.4146

■ 38.2720, 34.3759,
-12.5165

■ 109.7720, -0.8736,
0.2000

■ 29.1130, 38.8913,
-14.1311

■ 118.9310, -5.3890,
1.8145

■ 20.5410, 43.1173,
-16.2605

■ 127.5030, -9.6150,
3.9439

■ 18.7690, 43.9909,
-16.4604

■ 136.6620,
-14.1304, 5.5584

■ 145.5220,
-18.4983, 6.5582

■ 154.6810,
-23.0137, 8.1728

Harmonies

Analogous

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



67.6060, 20.9002, -30.3495



74.0220, 16.7512, -6.1583



75.8350, 10.4343, 13.2997

Triad

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



74.0220, 16.7512, -6.1583



73.6090, -13.6112, 25.7759



63.5350, 1.7082, -34.6722

Complementary

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



74.0220, 16.7512, -6.1583



100.9780, -16.7512, 6.1583

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.



68.4960, -9.1185, -15.3440



74.0220, 16.7512, -6.1583



72.8050, -17.6519, 15.0800

Square

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



74.0220, 16.7512, -6.1583



74.8790, -6.3493, 29.9241



71.0590, -16.2981, 0.8253



58.5250, 13.5452, -51.3264

Rectangle

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



74.0220, 16.7512, -6.1583



76.1090, 4.8763, 22.7064



71.0590, -16.2981, 0.8253



65.2540, -2.0972, -27.4098

Sweetspot

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



74.0220, 16.7512, -6.1583



127.2970, 6.2626, -2.0145



95.2850, 4.2965, -24.8059



63.6130, 3.6418, -1.4146



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.



74.0220, 16.7512, -6.1583



86.8180, 26.2187, -9.4874



76.4580, 15.5502, 5.7373



49.2710, 2.3314, -1.1147



19.7950, 47.9221, -17.3602



42.0180, 100.0701, -36.8498

Inverse Universe

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



79.7150, -4.2965, 24.8059



95.8200, -6.8133, 38.7459



98.5420, -15.5502, -5.7373



49.9080, -0.4476, 3.5887



36.2370, -12.4418, 70.8292



75.9910, -25.6316, 148.2209

Previews

White Background



This preview shows how the YUV color 74.0220, 16.7512, -6.1583 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 74.0220, 16.7512, -6.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

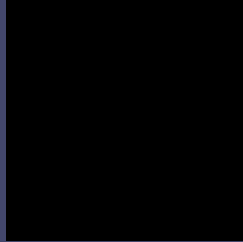
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.0220, 16.7512, -6.1583

Background



This preview shows how black text looks on a background with the YUV color 74.0220, 16.7512, -6.1583.



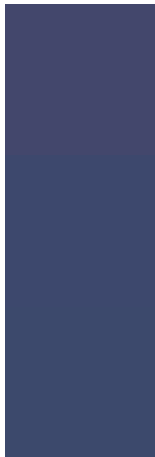
This preview shows how white text looks on a background with the YUV color 74.0220, 16.7512,

-6.1583.

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

74.0220, 16.7512, -6.1583

Protanopia

72.9290, 17.7830, -10.4617

Deuteranopia

73.1030, 17.2042, -11.4913



Tritanopia

72.1990, 4.8319, -9.8215

Trichromacy



Original Color

74.0220, 16.7512, -6.1583

Protanomaly

73.5270, 17.4882, -9.2322

Deuteranomaly

73.4130, 17.0514, -9.1322

Tritanomaly

72.6490, 9.0470, -8.4622

Monochromacy



Original Color

74.0220, 16.7512, -6.1583

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8840, 5.9732, -2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.0220, 16.7512, -6.1583 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(67, 71, 108)` looks like.

```
.text, #text, p{  
    color:rgb(67, 71, 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(67, 71, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 71, 108) }
```

Border

The CSS property to change the border of an element to YUV 74.0220, 16.7512, -6.1583 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(67, 71, 108) }
```


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

```
.border{ border-color:rgb(67, 71, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 71, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 71, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 71, 108);  
box-shadow:4px 4px 4px 4px rgb(67, 71,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 74.0220, 16.7512, -6.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 71, 108) }
```

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

```
.background{ background-color: rgb(67, 71,  
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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