

Converting Colors

YUV(73.4280, 7.1840, -64.3964)

Have a look what the booklet for
YUV(73.4280, 7.1840, -64.3964)
contains.

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Color

**YUV(73.4280, 7.1840,
-64.3964)**

Conversions

Conversions Part 1

Format	Color
Hex	006C58
RGB	0, 108, 88
RGB Percent	0%, 42%, 35%
CMY	1.0000, 0.5765, 0.6549
CMYK	1.00, 0.00, 0.19, 0.58
HSL	169°, 100%, 21%
HSV	169°, 100%, 42%
XYZ	7.1240, 11.4297, 11.0632
YIQ	73.4280, -57.9480, -29.1160

Conversions

Conversions Part 2

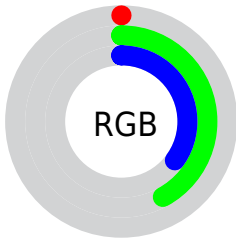
Format	Color
RYB	0, 60, 108
Decimal	27736
CIELab	40.29, -31.84, 3.73
CIELCh	40, 32.055, 173.310
Yxy	11.4297, 0.2405, 0.3859
Android (android.graphics.Color)	4278217816 (0xFF006C58)
YUV	73.4280, 7.1840, -64.3964
Hunter-Lab	33.8078, -21.5501, 4.2636

Details

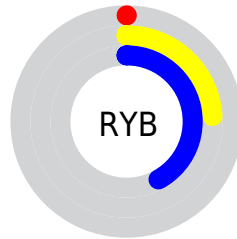
The YUV color **73.4280, 7.1840, -64.3964** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **34.5720, -7.1840, 64.3964**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4790, 3.2149, -51.2861**, and **39.5350, 1.7082, -34.6722** is the 20% darker color. If you saturate the color by 10%, you get **73.4280, 7.1840, -64.3964**, and if you desaturate by 10%, it is **76.9450, 6.4361, -57.8338**.

Distribution



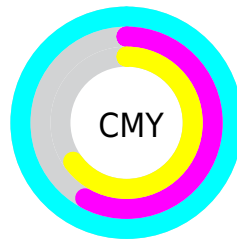
- Red (0%)
- Green (42%)
- Blue (35%)



- Red (0%)
- Yellow (24%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.4280, 7.1840, -64.3964 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 73.4280, 7.1840, -64.3964 by changing the saturation by 10% instead.

73.4280, 7.1840,
-64.3964

73.4280, 7.1840,
-64.3964

255.0000, 0.0000,
0.0000

56.1310, 4.3724,
-49.2269

131.4790, 3.2149,
-51.2861

39.5350, 1.7082,
-34.6722

158.6640, 2.6306,
-50.5713

24.8140, -1.3873,
-21.7619

186.2510, 2.3413,
-51.0861

1.1740, -0.5788,
-1.0296

214.8380, 2.0519,
-51.6009

0.0000, 0.0000,
0.0000

233.1580, 6.8241,
-42.2346

242.4420, 6.1911,

-25.8206

■ 251.4120, 1.7689,
-7.3773

■ 73.4280, 7.1840,
-64.3964

■ 76.9450, 6.4361,
-57.8338

■ 80.4620, 5.6882,
-51.2712

■ 83.6800, 5.0878,
-45.3234

■ 87.1970, 4.3399,
-38.7608

■ 90.7140, 3.5920,
-32.1982

■ 94.2310, 2.8441,
-25.6356

■ 97.7480, 2.0962,
-19.0730

■ 100.9660, 1.4958,
-13.1252

■ 104.4830, 0.7479,
-6.5626

Harmonies

Analogous

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



86.4580, -11.5648, -24.0807



73.4280, 7.1840, -64.3964



76.5060, 18.9775, -67.0958

Triad

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



73.4280, 7.1840, -64.3964



95.4440, 23.4451, -6.5284



94.6550, -20.0429, 35.3826

Complementary

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



73.4280, 7.1840, -64.3964



34.5720, -7.1840, 64.3964

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.



95.1580, -9.4449, 42.8344



73.4280, 7.1840, -64.3964



97.9160, 14.3384, 21.1217

Square

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



73.4280, 7.1840, -64.3964



84.7380, 30.6952, -45.3742



97.2250, 2.3541, 38.3907



92.8890, -25.0883, 20.2683

Rectangle

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



73.4280, 7.1840, -64.3964



77.6290, 25.8189, -68.0806



97.2250, 2.3541, 38.3907



94.7740, -17.1436, 38.7862

Sweetspot

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



73.4280, 7.1840, -64.3964



126.5300, 2.6967, -25.0208



69.9740, -34.4972, -42.0732



63.0690, 1.9380, -14.9695



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.



73.4280, 7.1840, -64.3964



95.1760, 9.2802, -83.4694



56.9240, 25.1805, -49.9223



52.0920, 0.4476, -3.5887



79.6230, 8.0739, -69.8294



166.5010, 16.0220, -146.0214

Inverse Universe

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



34.5720, -7.1840, 64.3964



44.8240, -9.2802, 83.4694



51.0760, -25.1805, 49.9223



49.9080, -0.4476, 3.5887



37.4910, -7.6371, 69.7294



78.3850, -16.4588, 146.1214

Previews

White Background



This preview shows how the YUV color 73.4280, 7.1840, -64.3964 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 × Fail

Black Background



This preview shows how the YUV color 73.4280, 7.1840, -64.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 73.4280, 7.1840, -64.3964

Background



This preview shows how black text looks on a background with the YUV color 73.4280, 7.1840, -64.3964.



This preview shows how white text looks on a background with the YUV color 73.4280, 7.1840, -64.3964.

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



Protanopia

94.8990, -6.8522, 4.4736

Deuteranopia

95.8870, -1.9163, 7.9921

Tritanopia

84.0850, 14.2551, -45.6785

Trichromacy



Protanomaly

87.4120, -1.6821, -20.5323

Deuteranomaly

87.9330, 1.5120, -18.3582

Tritanomaly

80.0580, 11.8034, -52.6709

Monochromacy



Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1280, 2.4019, -23.7913

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.4280, 7.1840, -64.3964 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(0, 108, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 88)  
}
```

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(0, 108, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 88) }
```

Border

The CSS property to change the border of an element to YUV 73.4280, 7.1840, -64.3964 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(0, 108, 88) }
```

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

```
.border{ border-color:rgb(0, 108, 88) }
```

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

Here you see how a box with a 4 pixel rgb(0, 108, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 88);  
box-shadow:4px 4px 4px 4px rgb(0, 108, 88)  
}
```


Background

The CSS property to change the background color of an element to YUV 73.4280, 7.1840, -64.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 88) }
```

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

```
.background{ background-color: rgb(0, 108,  
88) }
```

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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