Converting Colors

YUV(70.6840, 2.6208, -0.5999)

Have a look what the booklet for YUV(70.6840, 2.6208, -0.5999) contains.

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Color

YUV(70.6840, 2.6208, -0.5999)

Conversions

Conversions Part 1

Format	Color
Hex	46464C
RGB	70, 70, 76
RGB Percent	27%, 27%, 30%
CMY	0.7255, 0.7255, 0.7020
CMYK	0.08, 0.08, 0.00, 0.70
HSL	240°, 4%, 29%
HSV	240°, 8%, 30%
XYZ	6.0205, 6.2042, 7.7177
YIQ	70.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

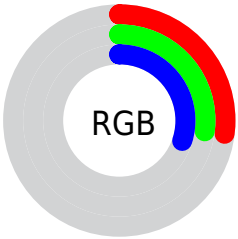
Format	Color
RYB	70, 70, 76
Decimal	4605516
CIELab	29.92, 1.37, -3.59
CIELCh	30, 3.847, 290.903
Yxy	6.2042, 0.3019, 0.3111
Android (android.graphics.Color)	4282795596 (0xFF46464C)
YUV	70.6840, 2.6208, -0.5999
Hunter-Lab	24.9083, -0.4451, -0.9349

Details

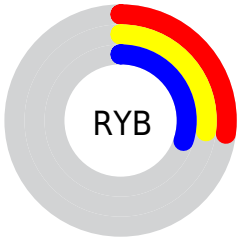
The YUV color 70.6840, 2.6208, -0.5999 is a dark color, and the websafe version is hex 333333. A complement of this color would be 75.3160, -2.6208, 0.5999, and the grayscale version is 71.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 118.7980, 3.0576, -0.6998, and 27.5700, 2.1840, -0.4999 is the 20% darker color. If you saturate the color by 10%, you get 63.5960, 6.1152, -1.3997, and if you desaturate by 10%, it is 77.7720, -0.8736, 0.2000.

Distribution

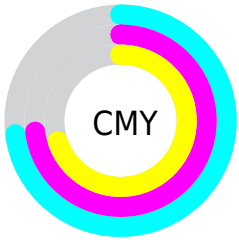


- Red (27%)
- Green (27%)
- Blue (30%)



- Red (27%)
- Yellow (27%)
- Blue (30%)

- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (70%)



- Cyan (73%)
- Magenta (73%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.6840, 2.6208, -0.5999 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 70.6840, 2.6208, -0.5999 by changing the saturation by 10% instead.

70.6840, 2.6208, -0.5999

70.6840, 2.6208, -0.5999

255.0000, 0.0000, 0.0000

48.5700, 2.1840, -0.4999

118.7980, 3.0576, -0.6998

27.5700, 2.1840, -0.4999

144.7980, 3.0576, -0.6998

0.9120, 3.4944, -0.7998

170.7980, 3.0576, -0.6998

0.0000, 0.0000, 0.0000

198.7980, 3.0576, -0.6998

226.7980, 3.0576, -0.6998

254.1140, 0.4368,

-0.1000

70.6840, 2.6208, -0.5999

70.6840, 2.6208, -0.5999

63.5960, 6.1152, -1.3997

77.7720, -0.8736, 0.2000

57.3940, 9.1728, -2.0995

83.9740, -3.9312, 0.8998

50.3060, 12.6671, -2.8994

91.0620, -7.4256, 1.6996

44.1040, 15.7247, -3.5992

97.2640, -10.4832, 2.3995

37.0160, 19.2191, -4.3990

104.3520, -13.9775, 3.1993

29.9280, 22.7135, -5.1989

111.4400, -17.4719, 3.9991

23.7260, 25.7711, -5.8987

117.6420, -20.5295, 4.6990

16.6380, 29.2655, -6.6985

124.7300, -24.0239, 5.4988

10.4360, 32.3231, -7.3984

130.9320, -27.0815, 6.1986

Harmonies

Analogous

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

70.0750, 2.9210, -3.5738

70.6840, 2.6208, -0.5999

71.0650, 1.4470, 2.5740

Triad

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

70.6840, 2.6208, -0.5999

70.7510, -2.3422, 4.6034

69.2660, -0.1311, -4.6183

Complementary

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

70.6840, 2.6208, -0.5999

75.3160, -2.6208, 0.5999

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.

69.9350, -1.4470, -2.5740

70.6840, 2.6208, -0.5999

70.6260, -2.7736, 2.9590

Square

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

70.6840, 2.6208, -0.5999

71.2780, -1.6161, 5.0182

70.3160, -2.6208, 0.5999

69.3090, 1.3267, -5.5330

Rectangle

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

70.6840, 2.6208, -0.5999

71.1360, 0.4260, 3.3887

70.3160, -2.6208, 0.5999

69.4510, -0.7153, -3.9035

Sweetspot

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

70.6840, 2.6208, -0.5999

97.2280, 0.8736, -0.2000

74.2060, 0.8844, -3.6887

50.1140, 0.4368, -0.1000

179.0000, 0.0000, 0.0000

51.0000, 0.0000, 0.0000

Same Dimension

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

70.6840, 2.6208, -0.5999

91.0260, 3.9312, -0.8998

71.5810, 2.1786, 1.2445

34.4560, 1.7472, -0.3999

11.6280, 44.5534, -10.1978

26.2200, 100.4635, -22.9949

Inverse Universe

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

72.4780, 1.7363, 3.0888

93.7170, 2.6045, 4.6332

74.4190, -2.1786, -1.2445

35.6520, 1.1576, 2.0592

42.1260, 29.5179, 52.5095

94.9900, 66.5599, 118.4038

Previews

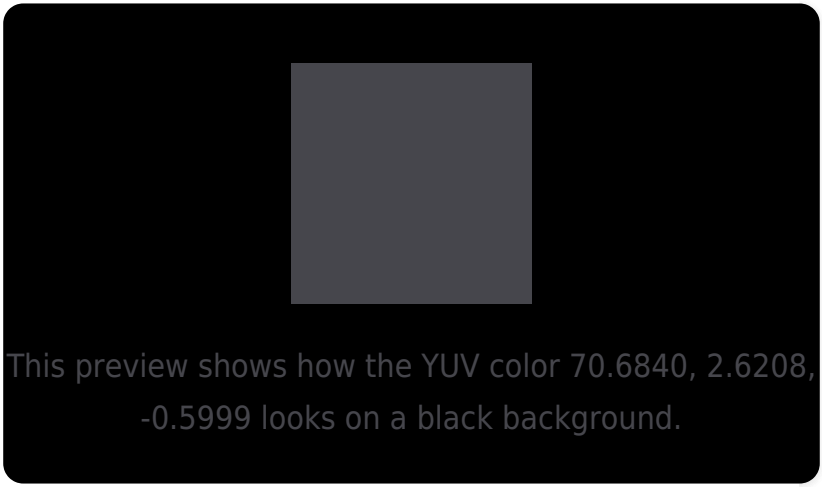
White Background

This preview shows how the YUV color 70.6840, 2.6208, -0.5999 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

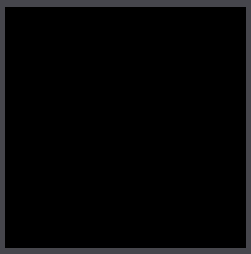


Color Contrast Check

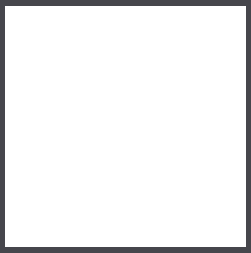
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

YUV 70.6840, 2.6208, -0.5999 Background



This preview shows how black text looks on a background with the YUV color 70.6840, 2.6208, -0.5999.



This preview shows how white text looks on a background with the YUV color 70.6840, 2.6208,

-0.5999.

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
70.6840, 2.6208, -0.5999

Protanopia
70.6840, 2.6208, -0.5999

Deuteranopia
71.0050, 2.4625, 3.5036

Tritanopia
70.6840, 2.6208, -0.5999

Trichromacy

Original Color
70.6840, 2.6208, -0.5999

Protanomaly
70.6840, 2.6208, -0.5999

Deuteranomaly
70.9940, 2.4680, 1.7593

Tritanomaly
70.6840, 2.6208, -0.5999

Monochromacy

Original Color
70.6840, 2.6208, -0.5999

Achromatopsia
71.0000, 0.0000, 0.0000

Achromatomaly
71.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6840, 2.6208, -0.5999 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(70, 70, 76) looks like.

```
.text, #text, p{
    color:rgb(70, 70, 76)
}
```

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(70, 70, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 70, 76) }
```

Border

The CSS property to change the border of an element to YUV 70.6840, 2.6208, -0.5999 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(70, 70, 76) }
```

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

```
.border{ border-color:rgb(70, 70, 76) }
```

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

Here you see how a box with a 4 pixel rgb(70, 70, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(70, 70, 76); -webkit-box-shadow:4px 4px 4px 4px rgb(70, 70, 76); box-shadow:4px 4px 4px 4px rgb(70, 70, 76) }
```

Background

The CSS property to change the background color of an element to YUV 70.6840, 2.6208, -0.5999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(70, 70, 76) }
```

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

```
.background{ background-color:rgb(70, 70,
76) }
```

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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