

Converting Colors

YUV(70.6500, 41.0916,
-19.8640)

Have a look what the booklet for
YUV(70.6500, 41.0916, -19.8640)
contains.

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Color

**YUV(70.6500, 41.0916,
-19.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	30429A
RGB	48, 66, 154
RGB Percent	19%, 26%, 60%
CMY	0.8118, 0.7412, 0.3961
CMYK	0.69, 0.57, 0.00, 0.40
HSL	230°, 52%, 40%
HSV	230°, 69%, 60%
XYZ	8.9999, 6.8579, 31.4212
YIQ	70.6500, -38.9760, 23.5520

Conversions

Conversions Part 2

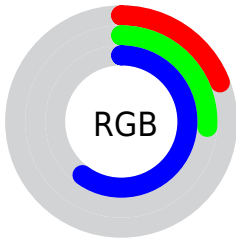
Format	Color
R_{YB}	48, 63, 154
Decimal	3162778
CIE _{Lab}	31.48, 23.24, -50.30
CIE _{LCh}	31, 55.408, 294.793
Yxy	6.8579, 0.1904, 0.1451
Android (android.graphics.Color)	4281352858 (0xFF30429A)
YUV	70.6500, 41.0916, -19.8640
Hunter-Lab	26.1876, 15.5167, -52.8078




Details

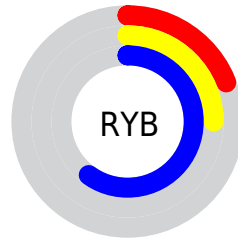
The YUV color **70.6500, 41.0916, -19.8640** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **131.3500, -41.0915, 19.8641**, and the grayscale version is **70.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **122.7370, 42.5277, -13.8013**, and **25.7160, 37.6080, -22.5529** is the 20% darker color. If you saturate the color by 10%, you get **58.5340, 47.0647, -22.3933**, and if you desaturate by 10%, it is **82.7660, 35.1184, -17.3348**.

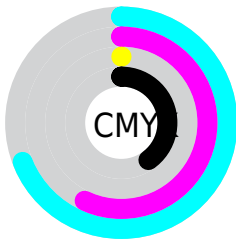
Distribution







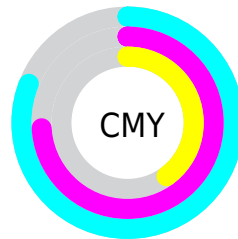
-  Red (19%)
-  Green (26%)
-  Blue (60%)






-  Red (19%)
-  Yellow (25%)
-  Blue (60%)



-  Cyan (69%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (81%)
-  Magenta (74%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.6500, 41.0916, -19.8640 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 70.6500, 41.0916, -19.8640 by changing the saturation by 10% instead.

■ 70.6500, 41.0916,
-19.8640

■ 70.6500, 41.0916,
-19.8640

■ 255.0000, 0.0000,
0.0000

■ 41.0180, 42.8821,
-34.2188

■ 122.7370, 42.5277,
-13.8013

■ 25.7160, 37.6080,
-22.5529

■ 149.0900, 43.8326,
-12.3569

■ 8.7780, 33.6334,
-7.6983

■ 174.9610, 39.4592,
-9.6128

■ 9.0910, 22.1401,
-7.9728

■ 199.1820, 27.5183,
-6.2986

■ 4.7080, 12.9620,
-4.1289

■ 224.5880, 14.9931,
-2.2697

■ 0.3420, 1.3104,
-0.2999

■ 250.2820, 2.3260,

■ 0.0000, 0.0000,

0.6297

0.0000

■ 70.6500, 41.0916,
-19.8640

■ 70.6500, 41.0916,
-19.8640

■ 58.5340, 47.0647,
-22.3933

■ 82.7660, 35.1184,
-17.3348

■ 46.1190, 53.1853,
-25.5374

■ 95.1810, 28.9978,
-14.1907

■ 34.5900, 58.8691,
-28.5814

■ 106.7100, 23.3140,
-11.1467

■ 32.8180, 59.7427,
-28.7814

■ 119.1250, 17.1934,
-8.0026

■ 131.2410, 11.2202,
-5.4734

■ 143.3570, 5.2470,
-2.9441

■ 155.1850, -0.5842,
0.7148

■ 167.3010, -6.5574,
3.2440

■ 179.7160,
-12.6780, 6.3881

Harmonies

Analogous

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



66.6020, 47.0312, -58.4100



70.6500, 41.0916, -19.8640



73.3000, 25.4881, 38.3249

Triad

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



70.6500, 41.0916, -19.8640



67.9210, -33.4851, 53.5663



61.4140, 1.7679, -53.8601

Complementary

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



70.6500, 41.0916, -19.8640



131.3500, -41.0915, 19.8641

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.



54.1810, -18.3302, -47.5167



70.6500, 41.0916, -19.8640



70.3920, -34.7033, 24.2122

Square

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



70.6500, 41.0916, -19.8640



60.6550, -9.6899, 74.8476



65.1770, -32.1323, -7.1712



66.5440, 21.4238, -58.3591

Rectangle

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



70.6500, 41.0916, -19.8640



64.4730, 16.5288, 65.3602



65.1770, -32.1323, -7.1712



59.1170, -4.4947, -51.8456

Sweetspot

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



70.6500, 41.0916, -19.8640



167.8970, 16.3198, -7.8027



120.1400, 7.3260, -63.2668



82.1980, 9.7624, -4.5586



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



70.6500, 41.0916, -19.8640



70.0610, 64.5529, -31.6255



70.2500, 41.2888, 10.3048



70.4990, 3.2050, -1.3146



30.0480, 54.2063, -26.3521



2.6560, 5.0996, -2.3293

Inverse Universe

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



81.7460, -7.7628, 63.3668



87.2390, -11.9498, 99.7684



131.7500, -41.2888, -10.3048



71.5060, -0.7425, 4.8182



44.5960, -10.1538, 83.6693



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 70.6500, 41.0916, -19.8640 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 70.6500, 41.0916, -19.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

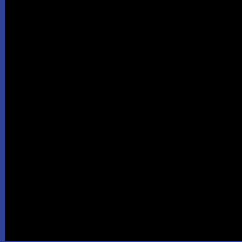
Any Text WCAG AA × Fail

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 70.6500, 41.0916, -19.8640 Background



This preview shows how black text looks on a background with the YUV color 70.6500, 41.0916, -19.8640.



This preview shows how white text looks on a background with the YUV color 70.6500, 41.0916,

-19.8640.

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

70.6500, 41.0916, -19.8640

Protanopia

58.8910, 45.4097, -51.6474

Deuteranopia

59.5460, 35.2268, -52.2218



Tritanopia

58.1660, 14.7082, -51.0116

Trichromacy



Original Color

70.6500, 41.0916, -19.8640

Protanomaly

62.9140, 43.9194, -40.2666

Deuteranomaly

63.1930, 37.3729, -40.5113

Tritanomaly

62.4630, 24.4217, -39.8711

Monochromacy



Original Color

70.6500, 41.0916, -19.8640

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8540, 14.8620, -6.8880

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6500, 41.0916, -19.8640 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(48, 66, 154)` looks like.

```
.text, #text, p{  
    color:rgb(48, 66, 154)  
}
```

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(48, 66, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 66, 154) }
```

Border

The CSS property to change the border of an element to YUV 70.6500, 41.0916, -19.8640 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(48, 66, 154) }
```


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

```
.border{ border-color:rgb(48, 66, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 66, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 66, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 66, 154);  
box-shadow:4px 4px 4px 4px rgb(48, 66,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 70.6500, 41.0916, -19.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 66, 154) }
```

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

```
.background{ background-color: rgb(48, 66,  
154) }
```

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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