

Converting Colors

YUV(79.0670, 41.8720,
-36.8928)

Have a look what the booklet for
YUV(79.0670, 41.8720, -36.8928)
contains.

YUV(79.0670, 41.8720, -36.8928)	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(79.0670, 41.8720,
-36.8928)**

Conversions

Conversions Part 1

Format	Color
Hex	2554A4
RGB	37, 84, 164
RGB Percent	15%, 33%, 64%
CMY	0.8549, 0.6706, 0.3569
CMYK	0.77, 0.49, 0.00, 0.36
HSL	218°, 63%, 39%
HSV	218°, 77%, 64%
XYZ	10.6341, 9.4143, 36.3786
YIQ	79.0670, -53.6920, 14.9160

Conversions

Conversions Part 2

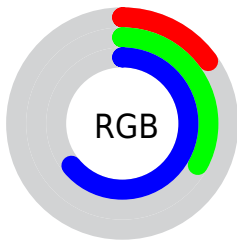
Format	Color
RYB	37, 71, 164
Decimal	2446500
CIELab	36.77, 13.47, -47.80
CIElCh	37, 49.659, 285.742
Yxy	9.4143, 0.1885, 0.1668
Android (android.graphics.Color)	4280636580 (0xFF2554A4)
YUV	79.0670, 41.8720, -36.8928
Hunter-Lab	30.6827, 8.1703, -48.8186

Details

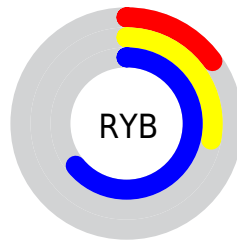
The YUV color **79.0670, 41.8720, -36.8928** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **121.9330, -41.8720, 36.8928**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3500, 42.7185, -28.3709**, and **36.1340, 36.9089, -31.6895** is the 20% darker color. If you saturate the color by 10%, you get **68.4130, 47.1244, -41.5812**, and if you desaturate by 10%, it is **89.7210, 36.6195, -32.2043**.

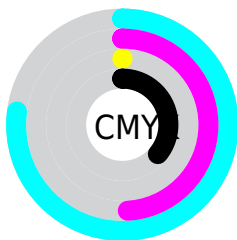
Distribution



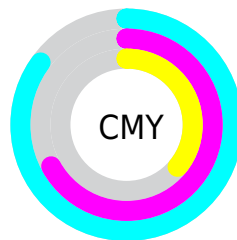
- Red (15%)
- Green (33%)
- Blue (64%)



- Red (15%)
- Yellow (28%)
- Blue (64%)



- Cyan (77%)
- Magenta (49%)
- Yellow (0%)
- Black (36%)



- Cyan (85%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.0670, 41.8720, -36.8928 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 79.0670, 41.8720, -36.8928 by changing the saturation by 10% instead.

■ 79.0670, 41.8720,
-36.8928

■ 79.0670, 41.8720,
-36.8928

■ 255.0000, 0.0000,
0.0000

■ 51.4250, 42.1885,
-45.0997

■ 133.3500, 42.7185,
-28.3709

■ 36.1340, 36.9089,
-31.6895

■ 160.4750, 43.1498,
-26.7266

■ 22.1310, 31.4874,
-19.4089

■ 185.7930, 34.1191,
-23.4975

■ 10.7040, 25.7819,
-9.3874

■ 210.3130, 22.0307,
-19.5685

■ 6.3210, 16.6037,
-5.5435

■ 236.0070, 9.3635,
-16.6691

■ 2.5250, 7.1362,
-2.2144

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 79.0670, 41.8720,
-36.8928

■ 79.0670, 41.8720,
-36.8928

■ 68.4130, 47.1244,
-41.5812

■ 89.7210, 36.6195,
-32.2043

■ 56.8730, 52.8136,
-46.3696

■ 101.2610, 30.9303,
-27.4159

■ 54.5030, 53.9820,
-47.7991

■ 111.9150, 25.6779,
-22.7275

■ 122.8680, 20.2781,
-17.4242

■ 134.1090, 14.7363,
-13.2506

■ 144.7630, 9.4838,
-8.5622

■ 155.7160, 4.0840,
-3.2589

■ 166.9570, -1.4578,
0.9147

■ 177.9100, -6.8576,
6.2179

Harmonies

Analogous

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



75.6350, 43.5639, -66.3319



79.0670, 41.8720, -36.8928



89.1300, 26.5579, 21.8110

Triad

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



79.0670, 41.8720, -36.8928



82.2940, -25.7809, 55.8702



67.8710, -1.4154, -59.5229

Complementary

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



79.0670, 41.8720, -36.8928



121.9330, -41.8720, 36.8928

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.



71.7270, -23.0364, -31.3326



79.0670, 41.8720, -36.8928



81.6660, -40.2613, 33.6189

Square

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



79.0670, 41.8720, -36.8928



80.4090, -6.6106, 67.1703



78.8320, -38.8642, 5.4093



73.8330, 16.3513, -64.7515

Rectangle

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



79.0670, 41.8720, -36.8928



86.0640, 16.7304, 47.3019



78.8320, -38.8642, 5.4093



65.8020, -6.8044, -57.7084

Sweetspot

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



79.0670, 41.8720, -36.8928



181.1520, 16.1941, -14.1653



120.4410, -2.6824, -73.1778



86.8770, 9.9206, -8.6621



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



79.0670, 41.8720, -36.8928



81.1240, 65.5079, -57.9907



55.9630, 53.2622, -3.4756



75.7870, 3.0630, -2.4442



48.2280, 47.7086, -42.2960



6.1610, 5.8366, -5.4032

Inverse Universe

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



80.3310, 1.8088, 73.3777



82.9370, 2.9891, 114.9423



145.0370, -53.2622, 3.4756



76.0330, -0.0163, 5.2331



49.5110, 2.2131, 83.7439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 79.0670, 41.8720, -36.8928 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 79.0670, 41.8720, -36.8928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

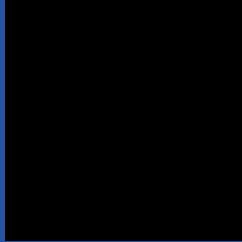
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.0670, 41.8720, -36.8928

Background



This preview shows how black text looks on a background with the YUV color 79.0670, 41.8720, -36.8928.



This preview shows how white text looks on a background with the YUV color 79.0670, 41.8720,

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

79.0670, 41.8720, -36.8928

Protanopia

79.8610, 40.9875, -33.2041

Deuteranopia

69.2120, 41.8005, -60.6989



Tritanopia

68.0940, 17.2087, -59.7184

Trichromacy



Original Color

79.0670, 41.8720, -36.8928

Protanomaly

79.2630, 41.2823, -34.4337

Deuteranomaly

72.9680, 41.9208, -52.5919

Tritanomaly

72.1410, 26.0595, -51.8667

Monochromacy



Original Color

79.0670, 41.8720, -36.8928

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.2230, 15.1731, -13.3506

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0670, 41.8720, -36.8928 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(37, 84, 164)` looks like.

```
.text, #text, p{  
    color:rgb(37, 84, 164)  
}
```

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(37, 84, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 84, 164) }
```

Border

The CSS property to change the border of an element to YUV 79.0670, 41.8720, -36.8928 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(37, 84, 164) }
```


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

```
.border{ border-color:rgb(37, 84, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 84, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 84, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 84, 164);  
box-shadow:4px 4px 4px 4px rgb(37, 84,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 79.0670, 41.8720, -36.8928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 84, 164) }
```

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

```
.background{ background-color: rgb(37, 84,  
164) }
```

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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