

Converting Colors

YUV(84.5110, 35.2441,
-10.9721)

Have a look what the booklet for
YUV(84.5110, 35.2441, -10.9721)
contains.

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Color

**YUV(84.5110, 35.2441,
-10.9721)**

Conversions

Conversions Part 1

Format	Color
Hex	484D9C
RGB	72, 77, 156
RGB Percent	28%, 30%, 61%
CMY	0.7176, 0.6980, 0.3882
CMYK	0.54, 0.51, 0.00, 0.39
HSL	236°, 37%, 45%
HSV	236°, 54%, 61%
XYZ	11.3271, 9.0858, 32.6092
YIQ	84.5110, -28.3390, 23.5090

Conversions

Conversions Part 2

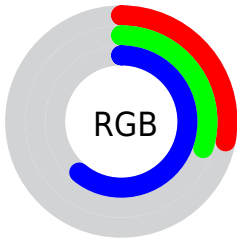
Format	Color
R_{YB}	72, 77, 156
Decimal	4738460
CIE _{Lab}	36.15, 21.27, -43.90
CIE _{LCh}	36, 48.782, 295.856
Yxy	9.0858, 0.2136, 0.1714
Android (android.graphics.Color)	4282928540 (0xFF484D9C)
YUV	84.5110, 35.2441, -10.9721
Hunter-Lab	30.1426, 14.3279, -43.0419

Details

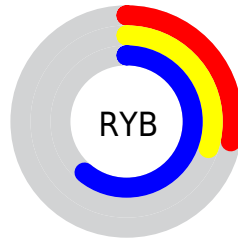
The YUV color **84.5110, 35.2441, -10.9721** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **143.4890, -35.2441, 10.9721**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.9890, 36.9804, -7.8834**, and **32.7220, 35.1401, -24.3122** is the 20% darker color. If you saturate the color by 10%, you get **70.9220, 41.9435, -13.0866**, and if you desaturate by 10%, it is **98.1000, 28.5447, -8.8577**.

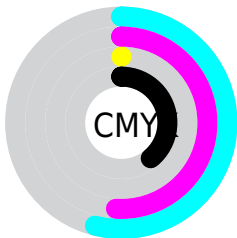
Distribution



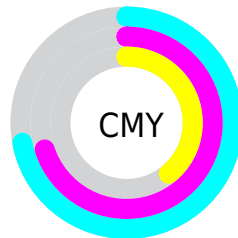
- Red (28%)
- Green (30%)
- Blue (61%)



- Red (28%)
- Yellow (30%)
- Blue (61%)



- Cyan (54%)
- Magenta (51%)
- Yellow (0%)
- Black (39%)



- Cyan (72%)
- Magenta (70%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5110, 35.2441, -10.9721 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 84.5110, 35.2441, -10.9721 by changing the saturation by 10% instead.

■ 84.5110, 35.2441,
-10.9721

■ 84.5110, 35.2441,
-10.9721

■ 255.0000, 0.0000,
0.0000

■ 59.6740, 34.6707,
-13.7461

■ 135.9890, 36.9804,
-7.8834

■ 32.7220, 35.1401,
-24.3122

■ 162.6300, 38.1434,
-7.5685

■ 16.6370, 30.7450,
-14.5906

■ 187.9740, 33.0438,
-5.2392

■ 6.9710, 24.1713,
-6.1136

■ 213.0810, 20.6661,
-1.8250

■ 4.9360, 13.8356,
-4.3289

■ 238.1880, 8.2883,
1.5891

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 84.5110, 35.2441,
-10.9721

■ 84.5110, 35.2441,
-10.9721

■ 70.9220, 41.9435,
-13.0866

■ 98.1000, 28.5447,
-8.8577

■ 58.2190, 48.2060,
-15.1011

■ 110.8030, 22.2821,
-6.8432

■ 44.6300, 54.9054,
-17.2155

■ 124.3920, 15.5827,
-4.7288

■ 31.3400, 61.4574,
-18.7152

■ 137.6820, 9.0308,
-3.2291

■ 23.0670, 65.5360,
-20.2298

■ 150.6840, 2.6208,
-0.5999

■ 164.2730, -4.0786,
1.5146

■ 177.5630,
-10.6306, 3.0142

■ 190.5650,
-17.0405, 5.6435

■ 203.8550,
-23.5925, 7.1432

Harmonies

Analogous

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



72.1130, 45.3003, -63.2431



84.5110, 35.2441, -10.9721



86.5400, 21.4258, 34.6064

Triad

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



84.5110, 35.2441, -10.9721



80.7570, -31.4322, 48.4481



68.7660, 4.5524, -60.3078

Complementary

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



84.5110, 35.2441, -10.9721



143.4890, -35.2441, 10.9721

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.



62.4450, -12.0514, -54.7643



84.5110, 35.2441, -10.9721



79.8390, -39.3606, 24.6972

Square

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



84.5110, 35.2441, -10.9721



79.9650, -13.2937, 64.0517



75.5210, -37.2319, -4.8419



73.9130, 21.7349, -64.8217

Rectangle

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



84.5110, 35.2441, -10.9721



82.9140, 10.8884, 54.4494



75.5210, -37.2319, -4.8419



67.2840, -1.1260, -59.0081

Sweetspot

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



84.5110, 35.2441, -10.9721



175.9360, 13.8356, -4.3289



130.2000, 9.7614, -51.0414



85.7530, 8.0098, -2.4144



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.



84.5110, 35.2441, -10.9721



90.8580, 55.7790, -17.4155



92.3400, 31.3844, 13.7338



72.4990, 3.2050, -1.3146



20.9980, 60.1470, -18.4152



2.2970, 6.2626, -2.0145

Inverse Universe

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



97.6860, -10.1982, 51.1414



111.6790, -16.1107, 80.9655



135.6600, -31.3844, -13.7338



73.5060, -0.7425, 4.8182



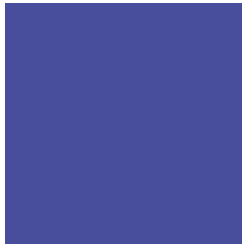
43.6690, -17.5848, 87.1133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 84.5110, 35.2441, -10.9721 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 84.5110, 35.2441, -10.9721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

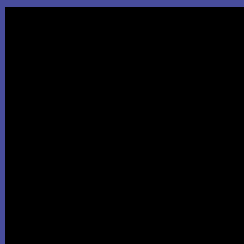
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.5110, 35.2441, -10.9721

Background



This preview shows how black text looks on a background with the YUV color 84.5110, 35.2441, -10.9721.



This preview shows how white text looks on a background with the YUV color 84.5110, 35.2441, -10.9721.

-10.9721.

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

84.5110, 35.2441, -10.9721

Protanopia

78.7470, 40.5507, -33.1041

Deuteranopia

67.9240, 41.9425, -59.5693



Tritanopia

80.1370, 8.8065, -24.6761

Trichromacy



Original Color

84.5110, 35.2441, -10.9721

Protanomaly

80.6340, 38.6344, -25.1120

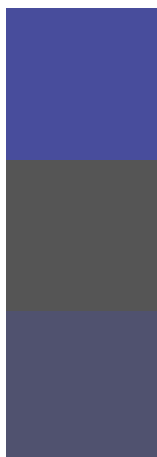
Deuteranomaly

74.0510, 39.4149, -42.1407

Tritanomaly

81.6890, 18.3943, -19.8983

Monochromacy



Original Color

84.5110, 35.2441, -10.9721

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7080, 12.9620, -4.1289

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5110, 35.2441, -10.9721 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(72, 77, 156)` looks like.

```
.text, #text, p{  
    color:rgb(72, 77, 156)  
}
```

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(72, 77, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 77, 156) }
```

Border

The CSS property to change the border of an element to YUV 84.5110, 35.2441, -10.9721 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(72, 77, 156) }
```


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

```
.border{ border-color:rgb(72, 77, 156) }
```

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

Here you see how a box with a 4 pixel rgb(72, 77, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 77, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 77, 156);  
box-shadow:4px 4px 4px 4px rgb(72, 77,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 84.5110, 35.2441, -10.9721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 77, 156) }
```

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

```
.background{ background-color: rgb(72, 77,  
156) }
```

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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