

Converting Colors

YUV(84.0810, 67.5011,
-43.9210)

Have a look what the booklet for
YUV(84.0810, 67.5011, -43.9210)
contains.

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Color

**YUV(84.0810, 67.5011,
-43.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	2253DD
RGB	34, 83, 221
RGB Percent	13%, 33%, 87%
CMY	0.8667, 0.6745, 0.1333
CMYK	0.85, 0.62, 0.00, 0.13
HSL	224°, 73%, 50%
HSV	224°, 85%, 87%
XYZ	16.8041, 11.7471, 69.7883
YIQ	84.0810, -73.5020, 32.5300

Conversions

Conversions Part 2

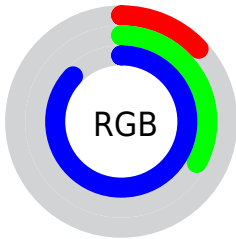
Format	Color
RYB	34, 73, 221
Decimal	2249693
CIELab	40.81, 35.75, -74.49
CIELCh	41, 82.624, 295.638
Yxy	11.7471, 0.1709, 0.1195
Android (android.graphics.Color)	4280439773 (0xFF2253DD)
YUV	84.0810, 67.5011, -43.9210
Hunter-Lab	34.2740, 27.5368, -96.7340

Details

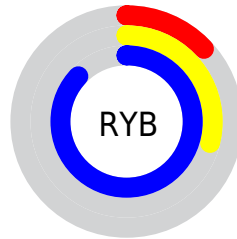
The YUV color **84.0810, 67.5011, -43.9210** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **170.9190, -67.5011, 43.9210**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6400, 56.3795, -23.3633**, and **41.7030, 60.7854, -36.5735** is the 20% darker color. If you saturate the color by 10%, you get **68.1110, 75.3743, -49.2093**, and if you desaturate by 10%, it is **100.0510, 59.6279, -38.6327**.

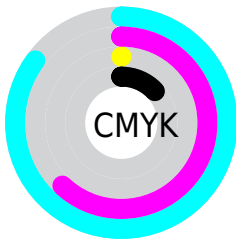
Distribution



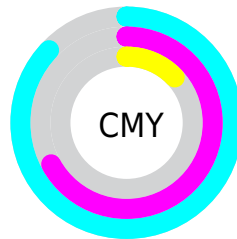
- Red (13%)
- Green (33%)
- Blue (87%)



- Red (13%)
- Yellow (29%)
- Blue (87%)



- Cyan (85%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0810, 67.5011, -43.9210 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 84.0810, 67.5011, -43.9210 by changing the saturation by 10% instead.

■ 84.0810, 67.5011,
-43.9210

■ 84.0810, 67.5011,
-43.9210

■ 255.0000, 0.0000,
0.0000

■ 57.1080, 66.5018,
-50.0837

■ 140.6400, 56.3795,
-23.3633

■ 41.7030, 60.7854,
-36.5735

■ 165.4700, 44.1383,
-17.0752

■ 27.9450, 53.7641,
-24.5078

■ 190.8870, 31.6077,
-11.3019

■ 12.6540, 48.4846,
-11.0976

■ 216.5920, 18.9351,
-6.6582

■ 16.8480, 34.0919,
-14.7757

■ 242.2970, 6.2626,
-2.0145

■ 10.4760, 24.9083,
-9.1875

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 84.0810, 67.5011,
-43.9210

■ 84.0810, 67.5011,
-43.9210

■ 68.1110, 75.3743,
-49.2093

■ 100.0510, 59.6279,
-38.6327

■ 59.2400, 79.7477,
-51.9535

■ 116.6080, 51.4653,
-33.8592

■ 132.5780, 43.5920,
-28.5709

■ 148.5480, 35.7188,
-23.2826

■ 165.4040, 27.4088,
-17.8943

■ 181.3740, 19.5356,
-12.6060

■ 197.3440, 11.6624,
-7.3177

■ 213.3140, 3.7892,
-2.0294

■ 229.8710, -4.3734,
2.7441

Harmonies

Analogous

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



90.6590, 70.6671, -79.5079



84.0810, 67.5011, -43.9210



85.3080, 43.7252, 69.0129

Triad

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



84.0810, 67.5011, -43.9210



84.6100, -41.7127, 79.2720



81.1900, 1.3853, -71.2036

Complementary

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



84.0810, 67.5011, -43.9210



170.9190, -67.5011, 43.9210

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.



69.2660, -34.1481, -60.7463



84.0810, 67.5011, -43.9210



91.0910, -44.9079, 30.6152

Square

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



84.0810, 67.5011, -43.9210



65.8980, -11.2887, 121.1155



81.9230, -40.3880, -19.2265



89.7570, 31.6718, -78.7169

Rectangle

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



84.0810, 67.5011, -43.9210



73.6520, 28.7656, 107.2992



81.9230, -40.3880, -19.2265



77.8670, -8.8084, -68.2894

Sweetspot

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



84.0810, 67.5011, -43.9210



208.2750, 23.0354, -15.1502



159.3870, 5.7252, -109.9644



99.3160, 14.1412, -9.0471



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



84.0810, 67.5011, -43.9210



68.3990, 91.9943, -59.9859



68.4740, 75.1953, 8.3543



102.0150, 3.9366, -2.6442



46.1370, 62.5435, -40.4621



12.2880, 16.6200, -10.7766

Inverse Universe

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



95.4990, -6.1620, 110.0644



83.8830, -8.3233, 150.0696



186.5260, -75.1953, -8.3543



102.6310, -0.3111, 6.4626



56.8570, -5.8455, 101.8574



15.1220, -1.5391, 27.0800

Previews

White Background



This preview shows how the YUV color 84.0810, 67.5011, -43.9210 looks on a white background.

Color Contrast Check

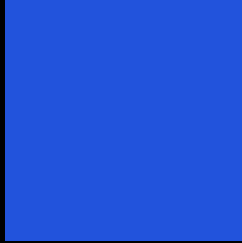
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.0810, 67.5011, -43.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

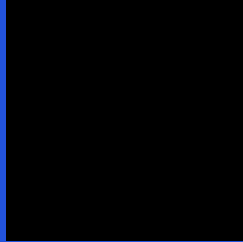
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0810, 67.5011, -43.9210

Background



This preview shows how black text looks on a background with the YUV color 84.0810, 67.5011, -43.9210.



This preview shows how white text looks on a background with the YUV color 84.0810, 67.5011, -43.9210.

-43.9210.

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

84.0810, 67.5011, -43.9210

Protanopia

76.2340, 58.5516, -66.8572

Deuteranopia

76.5640, 44.5849, -67.1466



Tritanopia

74.9900, 18.2459, -65.7662

Trichromacy



Original Color

84.0810, 67.5011, -43.9210

Protanomaly

79.0870, 61.5821, -58.8353

Deuteranomaly

79.4970, 52.9990, -59.1949

Tritanomaly

78.4420, 36.2641, -58.2696

Monochromacy



Original Color

84.0810, 67.5011, -43.9210

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.3180, 24.4932, -16.0649

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0810, 67.5011, -43.9210 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(34, 83, 221)` looks like.

```
.text, #text, p{  
    color:rgb(34, 83, 221)  
}
```

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(34, 83, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 83, 221) }
```

Border

The CSS property to change the border of an element to YUV 84.0810, 67.5011, -43.9210 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(34, 83, 221) }
```


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

```
.border{ border-color:rgb(34, 83, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 83, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 83, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 83, 221);  
box-shadow:4px 4px 4px 4px rgb(34, 83,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 84.0810, 67.5011, -43.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 83, 221) }
```

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

```
.background{ background-color: rgb(34, 83,  
221) }
```

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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