

Converting Colors

YUV(84.7230, -16.1324,
87.9429)

Have a look what the booklet for
YUV(84.7230, -16.1324, 87.9429)
contains.

YUV(84.7230, -16.1324, 87.9429)	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(84.7230, -16.1324,
87.9429)**

Conversions

Conversions Part 1

Format	Color
Hex	B92834
RGB	185, 40, 52
RGB Percent	73%, 16%, 20%
CMY	0.2745, 0.8431, 0.7961
CMYK	0.00, 0.78, 0.72, 0.27
HSL	355°, 64%, 44%
HSV	355°, 78%, 73%
XYZ	21.3862, 12.0798, 4.4533
YIQ	84.7230, 82.5680, 34.4720

Conversions

Conversions Part 2

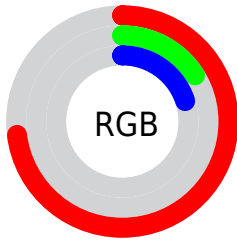
Format	Color
R_{YB}	185, 40, 52
Decimal	12134452
CIE Lab	41.34, 56.95, 29.96
CIE LCh	41, 64.346, 27.748
Yxy	12.0798, 0.5640, 0.3186
Android (android.graphics.Color)	4290324532 (0xFFB92834)
YUV	84.7230, -16.1324, 87.9429
Hunter-Lab	34.7560, 49.0123, 16.7324

Details

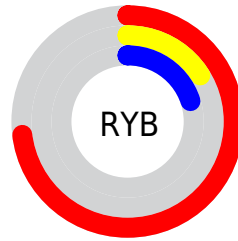
The YUV color **84.7230, -16.1324, 87.9429** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **140.2770, 16.1324, -87.9429**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.5510, -21.9636, 91.6018**, and **38.1020, -14.3473, 75.3325** is the 20% darker color. If you saturate the color by 10%, you get **72.2190, -18.3490, 98.9089**, and if you desaturate by 10%, it is **97.8140, -14.2053, 76.4621**.

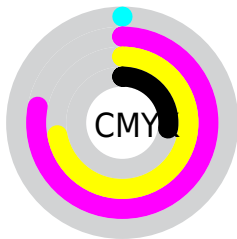
Distribution



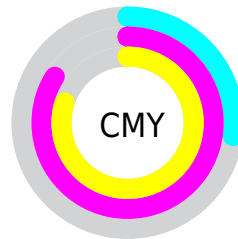
- Red (73%)
- Green (16%)
- Blue (20%)



- Red (73%)
- Yellow (16%)
- Blue (20%)



- Cyan (0%)
- Magenta (78%)
- Yellow (72%)
- Black (27%)





- Cyan (27%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.7230, -16.1324, 87.9429 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 84.7230, -16.1324, 87.9429 by changing the saturation by 10% instead.


 84.7230, -16.1324,
87.9429

 84.7230, -16.1324,
87.9429


255.0000, 0.0000,
0.0000


 49.5800, -9.1599,
91.5763


 143.5510,
-21.9636, 91.6018

 38.1020, -14.3473,
75.3325


 164.9300,
-20.1785, 78.9914


 28.1060, -13.8563,
57.7890

 184.2160,
-17.3615, 62.0776

 19.9620, -8.8553,
40.3753

 203.7300,
-13.6709, 44.9638

 9.9810, -4.4276,
20.1877

 223.9450, -9.8329,
27.2352

 0.0000, 0.0000,
0.0000

 244.1600, -5.9949,

■ 84.7230, -16.1324,
87.9429

■ 84.7230, -16.1324,
87.9429

■ 72.2190, -18.3490,
98.9089

■ 97.8140, -14.2053,
76.4621

■ 59.1280, -20.2761,
110.3897

■ 110.3180,
-11.9888, 65.4961

■ 57.0250, -20.7183,
112.2341

■ 123.4090,
-10.0616, 54.0153

■ 135.9130, -7.8451,
43.0493

■ 149.0040, -5.9180,
31.5685

■ 161.5080, -3.7014,
20.6025

■ 174.5990, -1.7743,
9.1217

■ 187.1030, 0.4422,
-1.8443

■ 200.1940, 2.3694,
-13.3251

Harmonies

Analogous

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



82.1450, 10.7745, 91.0808



84.7230, -16.1324, 87.9429



89.8160, -44.2793, 62.4284

Triad

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



84.7230, -16.1324, 87.9429



72.0820, -18.2814, -63.2159



85.4780, 58.4313, -74.9642

Complementary

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



84.7230, -16.1324, 87.9429



140.2770, 16.1324, -87.9429

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.



89.4100, 48.1119, -78.4126



84.7230, -16.1324, 87.9429



80.9280, 5.4585, -70.9739

Square

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



84.7230, -16.1324, 87.9429



84.9130, -41.8621, -13.0787



87.0840, 29.0456, -76.3727



96.0020, 47.3270, -13.1568

Rectangle

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



84.7230, -16.1324, 87.9429



92.0320, -45.3718, 39.4369



87.0840, 29.0456, -76.3727



87.5980, 56.4002, -76.8234

Sweetspot

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



84.7230, -16.1324, 87.9429



199.9120, -6.3656, 35.1572



96.2970, 43.7306, 67.2685



95.8070, -3.8489, 21.2173



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



84.7230, -16.1324, 87.9429



83.7400, -25.0148, 137.0400



118.5750, -38.7375, 58.2547



85.6910, -1.3267, 5.5330



48.1260, -17.3171, 94.6055



8.6000, -3.2538, 17.0138

Inverse Universe

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



84.7230, -16.1324, 87.9429



83.7400, -25.0148, 137.0400



106.4250, 38.7375, -58.2547



85.6910, -1.3267, 5.5330



48.1260, -17.3171, 94.6055



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 84.7230, -16.1324, 87.9429 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 84.7230, -16.1324, 87.9429 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 84.7230, -16.1324, 87.9429

Background



This preview shows how black text looks on a background with the YUV color 84.7230, -16.1324, 87.9429.



This preview shows how white text looks on a background with the YUV color 84.7230, -16.1324,

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

84.7230, -16.1324, 87.9429

Protanopia

98.0150, -12.8254, 7.0028

Deuteranopia

96.5580, -26.4041, 22.3126



Tritanopia

84.7570, -21.0792, 87.9131

Trichromacy



Original Color

84.7230, -16.1324, 87.9429

Protanomaly

93.5610, -14.0806, 36.3420

Deuteranomaly

92.0370, -22.6962, 46.4486

Tritanomaly

84.6260, -19.0426, 88.0280

Monochromacy



Original Color

84.7230, -16.1324, 87.9429

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0040, -5.9180, 31.5685

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7230, -16.1324, 87.9429 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(185, 40, 52)` looks like.

```
.text, #text, p{  
    color:rgb(185, 40, 52)  
}
```

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(185, 40, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 40, 52) }
```

Border

The CSS property to change the border of an element to YUV 84.7230, -16.1324, 87.9429 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(185, 40, 52) }
```


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

```
.border{ border-color:rgb(185, 40, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 40, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 40, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 40, 52);  
box-shadow:4px 4px 4px 4px rgb(185, 40,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 84.7230, -16.1324, 87.9429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 40, 52) }
```

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

```
.background{ background-color: rgb(185, 40,  
52) }
```

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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