

Converting Colors

YUV(84.1830, -37.5582,
53.3365)

Have a look what the booklet for
YUV(84.1830, -37.5582, 53.3365)
contains.

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Color

**YUV(84.1830, -37.5582,
53.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	914408
RGB	145, 68, 8
RGB Percent	57%, 27%, 3%
CMY	0.4314, 0.7333, 0.9686
CMYK	0.00, 0.53, 0.94, 0.43
HSL	26°, 90%, 30%
HSV	26°, 94%, 57%
XYZ	13.7880, 10.1715, 1.4663
YIQ	84.1830, 65.1520, -2.3360

Conversions

Conversions Part 2

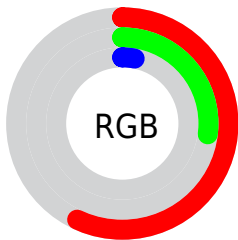
Format	Color
R_{YB}	145, 115, 8
Decimal	9520136
CIE Lab	38.15, 29.32, 45.78
CIE LCh	38, 54.361, 57.360
Yxy	10.1715, 0.5423, 0.4000
Android (android.graphics.Color)	4287710216 (0xFF914408)
YUV	84.1830, -37.5582, 53.3365
Hunter-Lab	31.8928, 21.3573, 19.5990

Details

The YUV color **84.1830, -37.5582, 53.3365** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **68.8170, 37.5582, -53.3365**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2870, -38.5955, 59.3843**, and **38.3400, -18.9016, 42.6748** is the 20% darker color. If you saturate the color by 10%, you get **80.9230, -39.8950, 56.1955**, and if you desaturate by 10%, it is **90.5890, -33.3214, 47.7184**.

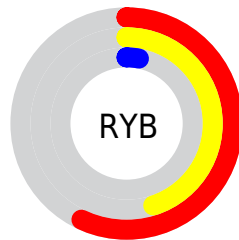
Distribution



Red (57%)

Green (27%)

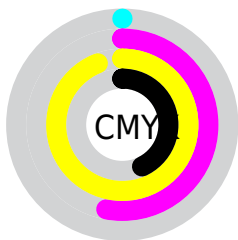
Blue (3%)



Red (57%)

Yellow (45%)

Blue (3%)

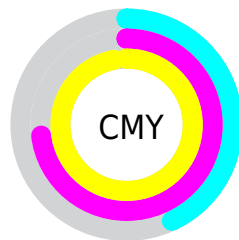


Cyan (0%)

Magenta (53%)

Yellow (94%)

Black (43%)



Cyan (43%)


Magenta (73%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.1830, -37.5582, 53.3365 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 84.1830, -37.5582, 53.3365 by changing the saturation by 10% instead.


 84.1830, -37.5582,
53.3365


 84.1830, -37.5582,
53.3365


 253.9740, -3.9312,
0.8998

 60.5120, -29.8324,
48.6630


 137.2870,
-38.5955, 59.3843

 38.3400, -18.9016,
42.6748

 164.3690,
-39.6219, 61.9434


 17.9400, -8.8444,
36.8866

 189.0480,
-39.4637, 57.8399

 10.5790, -4.7224,
21.4172


 207.8610,
-35.9205, 41.3409


 0.0000, 0.0000,
0.0000


 227.3750,
-32.2299, 24.2271


 247.4760,


-28.8287, 6.5985


 250.7820,
-16.1615, 3.6992

 84.1830, -37.5582,
53.3365


 84.1830, -37.5582,
53.3365


 80.9230, -39.8950,
56.1955

 90.5890, -33.3214,
47.7184

 96.8810, -29.5213,
42.2004

 103.2870,
-25.2845, 36.5823

 110.1660,
-21.7738, 30.5494

 116.5720,
-17.5370, 24.9314

■ 122.8640,
-13.7370, 19.4133

■ 129.2700, -9.5001,
13.7952

■ 135.5620, -5.7001,
8.2771

■ 141.9680, -1.4632,
2.6591

Harmonies

Analogous

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



82.5530, -15.0626, 71.4290



84.1830, -37.5582, 53.3365



84.5570, -41.6866, 24.0675

Triad

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



84.1830, -37.5582, 53.3365



73.5590, 5.1474, -64.5112



89.5480, 39.1698, -10.1276

Complementary

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



84.1830, -37.5582, 53.3365



68.8170, 37.5582, -53.3365

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.



77.2310, 49.6791, -67.7316



84.1830, -37.5582, 53.3365



78.6890, 24.8033, -69.0103

Square

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



84.1830, -37.5582, 53.3365



66.5540, -14.0771, -58.3679



80.9180, 40.9594, -70.9651



90.4530, 23.4407, 41.6987

Rectangle

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



84.1830, -37.5582, 53.3365



81.7670, -40.3111, 2.8353



80.9180, 40.9594, -70.9651



81.7940, 45.9506, -38.4073

Sweetspot

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



84.1830, -37.5582, 53.3365



165.3480, -14.4686, 20.7428



57.8550, 13.8755, 76.4262



79.7860, -8.7685, 12.4657



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



84.1830, -37.5582, 53.3365



105.2320, -51.8794, 73.4645



124.0990, -57.2368, 18.3302



67.8540, -1.9000, 2.7590



74.9980, -36.9740, 52.6218



4.1530, -2.0474, 3.3738

Inverse Universe

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



68.8170, 37.5582, -53.3365



83.7680, 51.8794, -73.4645



28.9010, 57.2368, -18.3302



67.1460, 1.9000, -2.7590



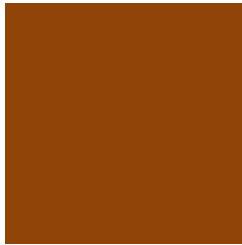
60.0020, 36.9740, -52.6218



3.2600, 2.3368, -2.8590

Previews

White Background



This preview shows how the YUV color 84.1830, -37.5582, 53.3365 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 84.1830, -37.5582, 53.3365 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 84.1830, -37.5582, 53.3365

Background



This preview shows how black text looks on a background with the YUV color 84.1830, -37.5582, 53.3365.



This preview shows how white text looks on a background with the YUV color 84.1830, -37.5582,

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

84.1830, -37.5582, 53.3365

Protanopia

85.7390, -34.3813, 14.2609

Deuteranopia

84.5680, -41.6920, 25.8119



Tritanopia

88.5720, -10.6350, 51.2414

Trichromacy



Original Color

84.1830, -37.5582, 53.3365

Protanomaly

85.4850, -35.7351, 28.5157

Deuteranomaly

84.0900, -39.9774, 35.8781

Tritanomaly

87.0530, -20.2391, 51.6965

Monochromacy



Original Color

84.1830, -37.5582, 53.3365

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8640, -13.7370, 19.4133

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1830, -37.5582, 53.3365 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(145, 68, 8)` looks like.

```
.text, #text, p{  
    color:rgb(145, 68, 8)  
}
```

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(145, 68, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 68, 8) }
```

Border

The CSS property to change the border of an element to YUV 84.1830, -37.5582, 53.3365 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(145, 68, 8) }
```


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

```
.border{ border-color:rgb(145, 68, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 68, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 68, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 68, 8);  
box-shadow:4px 4px 4px 4px rgb(145, 68, 8)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.1830, -37.5582, 53.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 68, 8) }
```

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

```
.background{ background-color: rgb(145, 68,  
8) }
```

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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