

Converting Colors

YUV(135.6870, -42.2437,
16.0605)

Have a look what the booklet for
YUV(135.6870, -42.2437, 16.0605)
contains.

YUV(135.6870, -42.2437, 16.0605)	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(135.6870, -42.2437,
16.0605)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8F32
RGB	154, 143, 50
RGB Percent	60%, 56%, 20%
CMY	0.3961, 0.4392, 0.8039
CMYK	0.00, 0.07, 0.68, 0.40
HSL	54°, 51%, 40%
HSV	54°, 68%, 60%
XYZ	23.7246, 26.7452, 6.9295
YIQ	135.6870, 36.4090, -26.5910

Conversions

Conversions Part 2

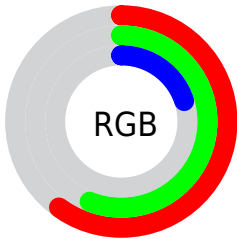
Format	Color
RYB	62, 154, 50
Decimal	10129202
CIELab	58.74, -7.33, 49.01
CIELCh	59, 49.553, 98.506
Yxy	26.7452, 0.4133, 0.4659
Android (android.graphics.Color)	4288319282 (0xFF9A8F32)
YUV	135.6870, -42.2437, 16.0605
Hunter-Lab	51.7158, -8.6158, 28.2566

Details

The YUV color **135.6870, -42.2437, 16.0605** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **68.3130, 42.2437, -16.0605**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6550, -43.7069, 18.7196**, and **84.4910, -41.6541, 13.6014** is the 20% darker color. If you saturate the color by 10%, you get **132.8030, -48.2169, 18.5898**, and if you desaturate by 10%, it is **138.5710, -36.2705, 13.5312**.

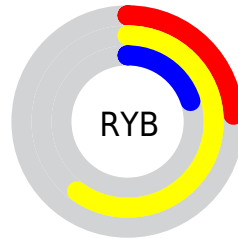
Distribution



Red (60%)

Green (56%)

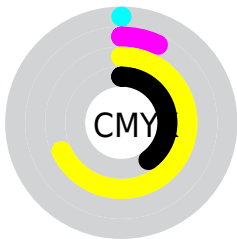
Blue (20%)



Red (24%)

Yellow (60%)

Blue (20%)

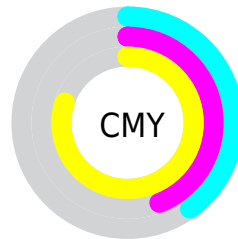


Cyan (0%)

Magenta (7%)

Yellow (68%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6870, -42.2437, 16.0605 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 135.6870, -42.2437, 16.0605 by changing the saturation by 10% instead.

■ 135.6870,
-42.2437, 16.0605

■ 135.6870,
-42.2437, 16.0605

■ 255.0000, 0.0000,
0.0000

■ 109.8610,
-42.8225, 15.0309

■ 189.6550,
-43.7069, 18.7196

■ 84.4910, -41.6541,
13.6014

■ 217.8400,
-44.2911, 19.4343

■ 63.2160, -31.1655,
9.4576

■ 242.4260,
-43.1010, 11.0274

■ 42.5280, -20.9663,
4.7989

■ 246.6780,
-31.8863, 7.2984

■ 23.0250, -11.3513,
0.8551

■ 249.8700,
-19.6559, 4.4990

■ 0.0000, 0.0000,
0.0000

■ 253.1760, -6.9888,

1.5996

■ 135.6870,
-42.2437, 16.0605

■ 135.6870,
-42.2437, 16.0605

■ 132.8030,
-48.2169, 18.5898

■ 138.5710,
-36.2705, 13.5312

■ 130.3920,
-54.9163, 20.7042

■ 140.9820,
-29.5711, 11.4168

■ 127.5080,
-60.8894, 23.2335

■ 143.8660,
-23.5979, 8.8875

■ 127.0520,
-62.6366, 23.6334

■ 146.8640,
-17.1880, 6.2583

■ 149.1610,
-10.9254, 4.2438

■ 152.0450, -4.9522,
1.7145

■ 154.4560, 1.7472,
-0.3999

■ 157.3400, 7.7204,
-2.9292

■ 160.3380, 14.1304,
-5.5584

Harmonies

Analogous

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



138.9710, -39.4257, 45.6294



135.6870, -42.2437, 16.0605



130.3710, -29.7629, -20.4964

Triad

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



135.6870, -42.2437, 16.0605



116.6230, 38.1469, -102.2784



144.8150, 14.3882, 51.9052

Complementary

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



135.6870, -42.2437, 16.0605



68.3130, 42.2437, -16.0605

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.



145.1550, 31.9686, 13.0191



135.6870, -42.2437, 16.0605



115.7060, 52.4029, -101.4742

Square

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



135.6870, -42.2437, 16.0605



113.1230, 19.6594, -99.2089



134.3480, 45.6774, -44.1552



141.7730, -5.3111, 70.3591

Rectangle

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



135.6870, -42.2437, 16.0605



123.7830, -14.6830, -50.6757



134.3480, 45.6774, -44.1552



145.0570, 20.6779, 41.1690

Sweetspot

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



135.6870, -42.2437, 16.0605



194.0920, -16.3144, 6.0583



82.4640, -10.0888, 62.7371



97.5030, -9.6150, 3.9439



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.



135.6870, -42.2437, 16.0605



172.4390, -66.2784, 25.0480



130.1840, -39.5307, -14.1934



75.5010, -3.2050, 1.3146



115.2350, -56.8109, 21.7189



10.3440, -5.0996, 2.3293

Inverse Universe

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



68.3130, 42.2437, -16.0605



67.1480, 65.9890, -25.5628



73.8160, 39.5307, 14.1934



70.4990, 3.2050, -1.3146



24.7650, 56.8109, -21.7189



2.0690, 5.3890, -1.8145

Previews

White Background



This preview shows how the YUV color 135.6870, -42.2437, 16.0605 looks on a white 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

Black Background



This preview shows how the YUV color 135.6870, -42.2437, 16.0605 looks on a black 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

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

YUV 135.6870, -42.2437, 16.0605

Background



This preview shows how black text looks on a background with the YUV color 135.6870, -42.2437, 16.0605.



This preview shows how white text looks on a background with the YUV color 135.6870, -42.2437, 16.0605.

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

135.6870, -42.2437, 16.0605

Protanopia

136.2960, -42.5439, 19.0344

Deuteranopia

137.3240, -41.5717, 33.9189



Tritanopia

143.5120, 0.2406, 16.2140

Trichromacy



Original Color

135.6870, -42.2437, 16.0605

Protanomaly

135.9970, -42.3965, 18.4196

Deuteranomaly

136.5790, -41.6974, 27.5562

Tritanomaly

140.5000, -15.0365, 16.2245

Monochromacy



Original Color

135.6870, -42.2437, 16.0605

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.3200, -15.4408, 5.8584

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6870, -42.2437, 16.0605 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(154, 143, 50)` looks like.

```
.text, #text, p{  
    color:rgb(154, 143, 50)  
}
```

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(154, 143, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 143, 50) }
```

Border

The CSS property to change the border of an element to YUV 135.6870, -42.2437, 16.0605 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(154, 143, 50) }
```


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

```
.border{ border-color:rgb(154, 143, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 143, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 143, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 143, 50);  
box-shadow:4px 4px 4px 4px rgb(154, 143,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 135.6870, -42.2437, 16.0605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 143, 50) }
```

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

```
.background{ background-color: rgb(154,  
143, 50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor