

Converting Colors

YUV(155.5870, -43.6734,
54.7362)

Have a look what the booklet for
YUV(155.5870, -43.6734, 54.7362)
contains.

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Color

**YUV(155.5870, -43.6734,
54.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	DA8D43
RGB	218, 141, 67
RGB Percent	85%, 55%, 26%
CMY	0.1451, 0.4471, 0.7373
CMYK	0.00, 0.35, 0.69, 0.15
HSL	29°, 67%, 56%
HSV	29°, 69%, 85%
XYZ	39.4514, 34.3604, 9.8631
YIQ	155.5870, 69.6460, -6.6900

Conversions

Conversions Part 2

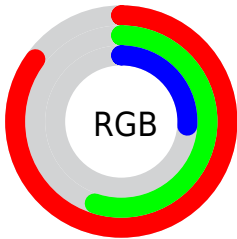
Format	Color
R_{YB}	218, 212, 67
Decimal	14323011
CIE Lab	65.25, 22.77, 50.26
CIE LCh	65, 55.177, 65.629
Yxy	34.3604, 0.4715, 0.4106
Android (android.graphics.Color)	4292513091 (0xFFDA8D43)
YUV	155.5870, -43.6734, 54.7362
Hunter-Lab	58.6178, 17.5545, 31.0562

Details

The YUV color **155.5870, -43.6734, 54.7362** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **129.4130, 43.6734, -54.7362**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.1620, -42.4779, 44.5849**, and **101.6680, -43.2203, 49.4032** is the 20% darker color. If you saturate the color by 10%, you get **146.6220, -50.0996, 62.5985**, and if you desaturate by 10%, it is **164.5520, -37.2471, 46.8739**.

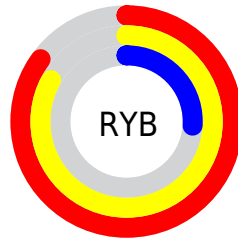
Distribution



Red (85%)

Green (55%)

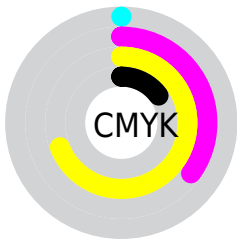
Blue (26%)



Red (85%)

Yellow (83%)

Blue (26%)

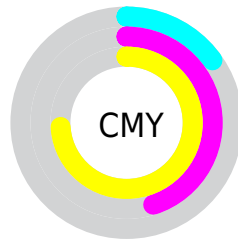


Cyan (0%)

Magenta (35%)

Yellow (69%)

Black (15%)



Cyan (15%)

Magenta (45%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.5870, -43.6734, 54.7362 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 155.5870, -43.6734, 54.7362 by changing the saturation by 10% instead.

■ 155.5870,
-43.6734, 54.7362

■ 155.5870,
-43.6734, 54.7362

■ 255.0000, 0.0000,
0.0000

■ 128.5050,
-42.6470, 52.1771

■ 204.1620,
-42.4779, 44.5849

■ 101.6680,
-43.2203, 49.4032

■ 223.6760,
-38.7873, 27.4711

■ 77.9000, -38.4047,
44.8147

■ 243.7770,
-35.3861, 9.8426

■ 56.0270, -27.6213,
39.4413

■ 248.7300,
-24.0239, 5.4988

■ 34.7410, -17.1273,
33.5531

■ 251.9220,
-11.7935, 2.6994

■ 14.0530, -6.9281,
28.8945

■ 1.7940, -0.8844,

3.6887

■ 0.0000, 0.0000,
0.0000

■ 155.5870,
-43.6734, 54.7362

■ 155.5870,
-43.6734, 54.7362

■ 146.6220,
-50.0996, 62.5985

■ 164.5520,
-37.2471, 46.8739

■ 137.6570,
-56.5259, 70.4608

■ 173.5170,
-30.8209, 39.0116

■ 128.8060,
-62.5154, 78.2231

■ 182.3680,
-24.8314, 31.2493

■ 127.9910,
-63.0996, 78.9379

■ 191.3330,
-18.4052, 23.3870

■ 200.8850,
-12.2683, 15.0099

■ 209.8500, -5.8420,
7.1476

■ 218.8150, 0.5842,
-0.7148

■ 227.6660, 6.5737,
-8.4771

■ 235.7190, 9.5055,
-15.5396

Harmonies

Analogous

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



156.8990, -26.5722, 76.3876



155.5870, -43.6734, 54.7362



152.2980, -48.9539, 21.6637

Triad

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



155.5870, -43.6734, 54.7362



126.4590, 19.9867, -110.9045



162.3270, 37.7998, 9.3602

Complementary

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



155.5870, -43.6734, 54.7362



129.4130, 43.6734, -54.7362

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.



146.8990, 53.2938, -60.4244



155.5870, -43.6734, 54.7362



130.7570, 41.5318, -114.6739

Square

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



155.5870, -43.6734, 54.7362



132.6380, -8.2025, -75.9815



130.4100, 57.9719, -114.3696



161.9880, 18.7399, 56.1385

Rectangle

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



155.5870, -43.6734, 54.7362



148.9680, -41.8892, -4.3569



130.4100, 57.9719, -114.3696



159.4000, 43.6798, -9.9978

Sweetspot

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



155.5870, -43.6734, 54.7362



232.9950, -15.7735, 19.2984



121.0410, 11.8118, 85.0330



114.3730, -9.0579, 11.9509



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.



155.5870, -43.6734, 54.7362



167.4360, -61.3469, 76.7936



199.0250, -65.0883, 16.6411



105.2240, -3.0684, 4.1886



101.6220, -50.0996, 62.5985



26.6680, -13.1473, 16.9542

Inverse Universe

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



129.4130, 43.6734, -54.7362



130.5640, 61.3469, -76.7936



85.9750, 65.0883, -16.6411



103.1890, 3.3578, -3.6738



71.3780, 50.0996, -62.5985



18.7450, 13.4367, -16.4394

Previews

White Background



This preview shows how the YUV color 155.5870, -43.6734, 54.7362 looks on a white 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

Black Background



This preview shows how the YUV color 155.5870, -43.6734, 54.7362 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 ✓ Pass

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

YUV 155.5870, -43.6734, 54.7362

Background



This preview shows how black text looks on a background with the YUV color 155.5870, -43.6734, 54.7362.



This preview shows how white text looks on a background with the YUV color 155.5870, -43.6734,

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

155.5870, -43.6734, 54.7362

Protanopia

154.1650, -40.5073, 19.1493

Deuteranopia

154.8360, -44.7821, 36.9778



Tritanopia

161.0500, -8.8986, 54.3302

Trichromacy



Original Color

155.5870, -43.6734, 54.7362

Protanomaly

154.3130, -41.5663, 32.1745

Deuteranomaly

154.9940, -44.3670, 43.8553

Tritanomaly

159.0210, -21.7024, 54.3556

Monochromacy



Original Color

155.5870, -43.6734, 54.7362

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.2940, -15.9209, 19.9132

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.5870, -43.6734, 54.7362 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(218, 141, 67)` looks like.

```
.text, #text, p{  
    color:rgb(218, 141, 67)  
}
```

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(218, 141, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 141, 67) }
```

Border

The CSS property to change the border of an element to YUV 155.5870, -43.6734, 54.7362 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(218, 141, 67) }
```


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

```
.border{ border-color:rgb(218, 141, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 141, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 141, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 141, 67);  
box-shadow:4px 4px 4px 4px rgb(218, 141,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 155.5870, -43.6734, 54.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 141, 67) }
```

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

```
.background{ background-color: rgb(218,  
141, 67) }
```

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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