

Converting Colors

YUV(175.2870, -45.4975,
33.0743)

Have a look what the booklet for
YUV(175.2870, -45.4975, 33.0743)
contains.

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Color

**YUV(175.2870, -45.4975,
33.0743)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AE53
RGB	213, 174, 83
RGB Percent	84%, 68%, 33%
CMY	0.1647, 0.3176, 0.6745
CMYK	0.00, 0.18, 0.61, 0.16
HSL	42°, 61%, 58%
HSV	42°, 61%, 84%
XYZ	44.1380, 45.0428, 14.5514
YIQ	175.2870, 52.4550, -20.0330

Conversions

Conversions Part 2

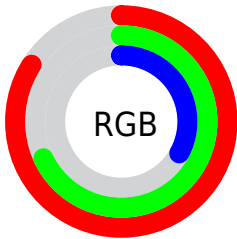
Format	Color
RYB	139, 213, 83
Decimal	14003795
CIELab	72.92, 3.92, 51.06
CIELCh	73, 51.207, 85.613
Yxy	45.0428, 0.4255, 0.4342
Android (android.graphics.Color)	4292193875 (0xFFD5AE53)
YUV	175.2870, -45.4975, 33.0743
Hunter-Lab	67.1139, -0.0575, 34.1247

Details

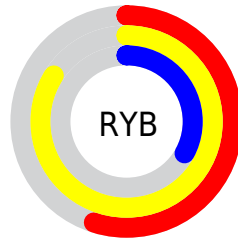
The YUV color **175.2870, -45.4975, 33.0743** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **120.7130, 45.4975, -33.0743**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0580, -44.8916, 25.3821**, and **121.4930, -44.6130, 29.3856** is the 20% darker color. If you saturate the color by 10%, you get **169.3710, -52.9339, 38.2626**, and if you desaturate by 10%, it is **181.2030, -38.0611, 27.8860**.

Distribution



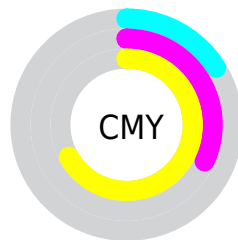
- Red (84%)
- Green (68%)
- Blue (33%)



- Red (55%)
- Yellow (84%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (61%)
- Black (16%)



- Cyan (16%)
- Magenta (32%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2870, -45.4975, 33.0743 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 175.2870, -45.4975, 33.0743 by changing the saturation by 10% instead.

■ 175.2870,
-45.4975, 33.0743

■ 175.2870,
-45.4975, 33.0743

255.0000, 0.0000,
0.0000

■ 148.3900,
-45.0553, 31.2300

■ 226.0580,
-44.8916, 25.3821

■ 121.4930,
-44.6130, 29.3856

■ 244.3980,
-40.6222, 9.2980

■ 94.9120, -46.7916,
28.1412

■ 247.5900,
-28.3919, 6.4986

■ 73.3380, -36.1556,
23.3826

■ 250.8960,
-15.7247, 3.5992

■ 51.7640, -25.5197,
18.6240

■ 254.2020, -3.0576,
0.6998

■ 32.2500, -15.8993,
12.9358

■ 10.6870, -5.2687,

9.9215

■ 0.0000, 0.0000,
0.0000

■ 175.2870,
-45.4975, 33.0743

■ 175.2870,
-45.4975, 33.0743

■ 169.3710,
-52.9339, 38.2626

■ 181.2030,
-38.0611, 27.8860

■ 162.7540,
-60.5177, 44.0657

■ 187.8200,
-30.4773, 22.0829

■ 156.8380,
-67.9541, 49.2541

■ 193.7360,
-23.0408, 16.8945

■ 151.1500,
-74.5169, 54.2425

■ 200.2390,
-15.8938, 11.1914

■ 206.2690, -8.0206,
5.9031

■ 212.1850, -0.5842,
0.7148

■ 218.6880, 6.5628,
-4.9884

■ 224.6040, 13.9992,
-10.1767

■ 228.9410, 12.8471,
-13.9803

Harmonies

Analogous

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



178.0530, -37.0011, 61.3435



175.2870, -45.4975, 33.0743



170.6630, -39.2739, -3.2125

Triad

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



175.2870, -45.4975, 33.0743



143.4260, 36.7650, -125.7846



184.2680, 24.0249, 40.9840

Complementary

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



175.2870, -45.4975, 33.0743



120.7130, 45.4975, -33.0743

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.



179.7010, 37.1224, -6.7538



175.2870, -45.4975, 33.0743



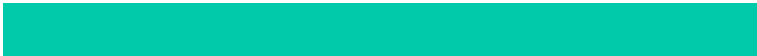
144.7090, 54.3735, -126.9098

Square

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



175.2870, -45.4975, 33.0743



137.9540, 15.7987, -120.9857



161.2750, 46.2064, -73.9092



179.8570, 4.0145, 65.9004

Rectangle

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



175.2870, -45.4975, 33.0743



165.9890, -27.1096, -31.5624



161.2750, 46.2064, -73.9092



184.0750, 30.0360, 26.2442

Sweetspot

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



175.2870, -45.4975, 33.0743



241.5380, -16.0412, 11.8062



126.3160, -2.1278, 76.0219



119.4110, -10.0626, 7.5326



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.



175.2870, -45.4975, 33.0743



200.9240, -65.0385, 47.4247



190.4060, -52.9512, -2.9871



103.9850, -3.9366, 2.6442



121.5690, -59.9335, 43.3510



30.4670, -15.0202, 10.9914

Inverse Universe

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



120.7130, 45.4975, -33.0743



123.0760, 65.0385, -47.4247



105.5940, 52.9512, 2.9871



99.6020, 3.6472, -3.1590



49.4310, 59.9335, -43.3510



12.5330, 15.0202, -10.9914

Previews

White Background



This preview shows how the YUV color 175.2870, -45.4975, 33.0743 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 175.2870, -45.4975, 33.0743 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 175.2870, -45.4975, 33.0743

Background



This preview shows how black text looks on a background with the YUV color 175.2870, -45.4975, 33.0743.



This preview shows how white text looks on a background with the YUV color 175.2870, -45.4975,

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

175.2870, -45.4975, 33.0743

Protanopia

174.2640, -44.0072, 21.6935

Deuteranopia

176.0320, -45.3718, 39.4369



Tritanopia

182.4110, -3.1606, 33.8426

Trichromacy



Original Color

175.2870, -45.4975, 33.0743

Protanomaly

174.4710, -44.6022, 25.8969

Deuteranomaly

175.7220, -45.2189, 37.0778

Tritanomaly

179.9860, -18.7271, 33.3383

Monochromacy



Original Color

175.2870, -45.4975, 33.0743

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.4240, -16.4780, 11.9062

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2870, -45.4975, 33.0743 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(213, 174, 83)` looks like.

```
.text, #text, p{  
    color:rgb(213, 174, 83)  
}
```

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(213, 174, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 174, 83) }
```

Border

The CSS property to change the border of an element to YUV 175.2870, -45.4975, 33.0743 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(213, 174, 83) }
```


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

```
.border{ border-color:rgb(213, 174, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 174, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 174, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 174, 83);  
box-shadow:4px 4px 4px 4px rgb(213, 174,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 175.2870, -45.4975, 33.0743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 174, 83) }
```

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

```
.background{ background-color: rgb(213,  
174, 83) }
```

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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