

Converting Colors

YUV(170.3420, -25.3116,
45.3041)

Have a look what the booklet for
YUV(170.3420, -25.3116, 45.3041)
contains.

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Color

**YUV(170.3420, -25.3116,
45.3041)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DE9A77 |
| RGB | 222, 154, 119 |
| RGB Percent | 87%, 60%, 47% |
| CMY | 0.1294, 0.3961, 0.5333 |
| CMYK | 0.00, 0.31, 0.46, 0.13 |
| HSL | 20°, 61%, 67% |
| HSV | 20°, 46%, 87% |
| XYZ | 45.0096, 39.9727, 22.7960 |
| YIQ | 170.3420, 51.7630, 3.5310 |

Conversions

Conversions Part 2

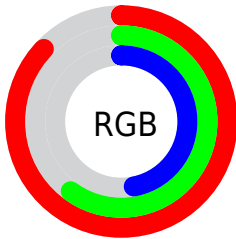
| Format | Color |
|-------------------------------------|---|
| RYB | 222, 172, 119 |
| Decimal | 14588535 |
| CIELab | 69.45, 21.41, 28.57 |
| CIElCh | 69, 35.699, 53.157 |
| Yxy | 39.9727, 0.4176, 0.3709 |
| Android (android.graphics.Color) | 4292778615 (0xFFDE9A77) |
| YUV | 170.3420, -25.3116, 45.3041 |
| Hunter-Lab | 63.2240, 16.4334, 22.8792 |

Details

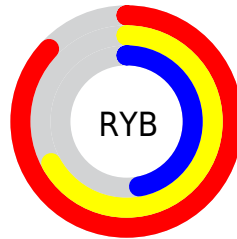
The YUV color **170.3420, -25.3116, 45.3041** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **170.6580, 25.3116, -45.3041**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5360, -22.9422, 31.9789**, and **117.4770, -23.4062, 40.8007** is the 20% darker color. If you saturate the color by 10%, you get **159.0290, -30.5803, 55.2256**, and if you desaturate by 10%, it is **181.6550, -20.0429, 35.3826**.

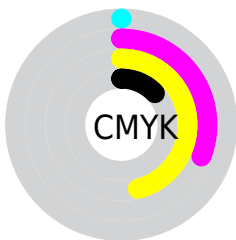
Distribution



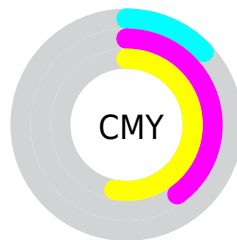
- Red (87%)
- Green (60%)
- Blue (47%)



- Red (87%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (31%)
- Yellow (46%)
- Black (13%)



- Cyan (13%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.3420, -25.3116, 45.3041 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 170.3420, -25.3116, 45.3041 by changing the saturation by 10% instead.

170.3420,
-25.3116, 45.3041

170.3420,
-25.3116, 45.3041

255.0000, 0.0000,
0.0000

143.5590,
-24.4326, 43.3598

218.5360,
-22.9422, 31.9789

117.4770,
-23.4062, 40.8007

238.0500,
-19.2516, 14.8652

91.8080, -22.0903,
38.7564

251.8080,
-12.2303, 2.7994

67.7260, -21.0639,
36.1973

43.3020, -21.3479,
33.9381

23.2010, -11.4381,
28.7647

9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,
0.0000

■ 170.3420,
-25.3116, 45.3041

■ 170.3420,
-25.3116, 45.3041

■ 159.0290,
-30.5803, 55.2256

■ 181.6550,
-20.0429, 35.3826

■ 148.3030,
-36.1384, 64.6323

■ 192.3810,
-14.4848, 25.9759

■ 136.8760,
-41.8439, 74.6537

■ 203.8080, -8.7793,
15.9544

■ 125.5630,
-47.1126, 84.5752

■ 215.1210, -3.5107,
6.0329

■ 114.8370,
-52.6706, 93.9820

■ 225.8470, 2.0474,
-3.3738

■ 110.4030,
-54.4287, 97.8706

■ 237.1600, 7.3161,
-13.2953

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



172.0130, -12.8244, 53.4856



170.3420, -25.3116, 45.3041



168.0270, -31.0723, 26.2863

Triad

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



170.3420, -25.3116, 45.3041



154.1360, 3.3840, -58.8783



171.1110, 28.5393, -7.1133

Complementary

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



170.3420, -25.3116, 45.3041



170.6580, 25.3116, -45.3041

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.



162.4760, 34.7683, -45.1445



170.3420, -25.3116, 45.3041



146.5360, 23.3998, -85.5391

Square

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



170.3420, -25.3116, 45.3041



160.5130, -15.0429, -28.5139



150.4410, 34.2926, -79.3168



174.3340, 17.0903, 25.1401

Rectangle

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



170.3420, -25.3116, 45.3041



165.9710, -29.5657, 9.6724



150.4410, 34.2926, -79.3168



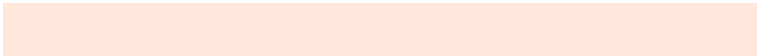
169.0170, 31.0506, -19.3089

Sweetspot

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



170.3420, -25.3116, 45.3041



236.8080, -8.7793, 15.9544



157.6630, 14.9561, 56.4235



116.6870, -5.2687, 9.9215



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.



170.3420, -25.3116, 45.3041



183.5200, -35.2594, 62.6880



200.2790, -40.0705, 19.0493



106.6370, -2.7790, 4.7034



87.8440, -43.3071, 77.3128



23.7440, -11.7058, 21.2725

Inverse Universe

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



170.6580, 25.3116, -45.3041



183.4800, 35.2594, -62.6880



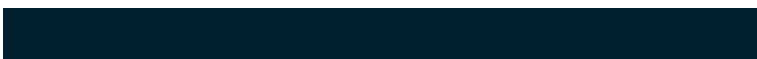
140.7210, 40.0705, -19.0493



106.3630, 2.7790, -4.7034



88.1560, 43.3071, -77.3128



24.2560, 11.7058, -21.2725

Previews

White Background



This preview shows how the YUV color 170.3420, -25.3116, 45.3041 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 170.3420, -25.3116, 45.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

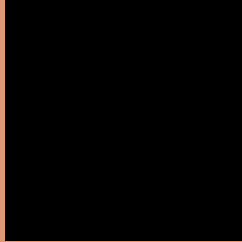
Any Text WCAG AA ✓ Pass

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 170.3420, -25.3116, 45.3041 Background



This preview shows how black text looks on a background with the YUV color 170.3420, -25.3116, 45.3041.



This preview shows how white text looks on a background with the YUV color 170.3420, -25.3116,

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

170.3420, -25.3116, 45.3041

Protanopia

168.5720, -20.9880, 11.7764

Deuteranopia

169.7160, -25.9890, 29.1901



Tritanopia

173.2770, -6.5456, 46.2381

Trichromacy



Original Color

170.3420, -25.3116, 45.3041

Protanomaly

169.1930, -22.7731, 24.3867

Deuteranomaly

170.1620, -25.7159, 34.9379

Tritanomaly

172.4420, -13.5289, 46.0934

Monochromacy



Original Color

170.3420, -25.3116, 45.3041

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.9930, -9.3635, 16.6691

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3420, -25.3116, 45.3041 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(222, 154, 119)` looks like.

```
.text, #text, p{  
    color:rgb(222, 154, 119)  
}
```

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(222, 154, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 154, 119) }
```

Border

The CSS property to change the border of an element to YUV 170.3420, -25.3116, 45.3041 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(222, 154, 119) }
```


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

```
.border{ border-color:rgb(222, 154, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 154, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 154, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 154, 119); box-shadow:4px 4px 4px 4px rgb(222, 154, 119) }
```

Background

The CSS property to change the background color of an element to YUV 170.3420, -25.3116, 45.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 154, 119) }
```

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

```
.background{ background-color: rgb(222,  
154, 119) }
```

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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