

Converting Colors

YUV(172.9580, -33.0103,
41.2558)

Have a look what the booklet for
YUV(172.9580, -33.0103, 41.2558)
contains.

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Color

**YUV(172.9580, -33.0103,
41.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA26A
RGB	220, 162, 106
RGB Percent	86%, 64%, 42%
CMY	0.1373, 0.3647, 0.5843
CMYK	0.00, 0.26, 0.52, 0.14
HSL	29°, 62%, 64%
HSV	29°, 52%, 86%
XYZ	45.0370, 42.0969, 19.3875
YIQ	172.9580, 52.5440, -5.1200

Conversions

Conversions Part 2

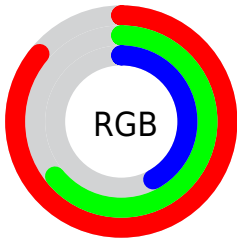
Format	Color
R _Y B	220, 216, 106
Decimal	14459498
CIE Lab	70.94, 15.07, 37.38
CIE LCh	71, 40.301, 68.036
Yxy	42.0969, 0.4228, 0.3952
Android (android.graphics.Color)	4292649578 (0xFFDCA26A)
YUV	172.9580, -33.0103, 41.2558
Hunter-Lab	64.8821, 10.3596, 27.7010

Details

The YUV color **172.9580, -33.0103, 41.2558** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **153.0420, 33.0103, -41.2558**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6360, -31.3725, 29.2602**, and **119.5060, -30.8155, 37.2672** is the 20% darker color. If you saturate the color by 10%, you get **163.9930, -39.4365, 49.1181**, and if you desaturate by 10%, it is **181.9230, -26.5840, 33.3935**.

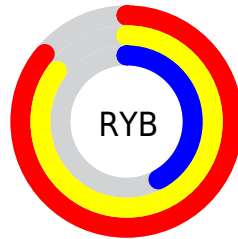
Distribution



Red (86%)

Green (64%)

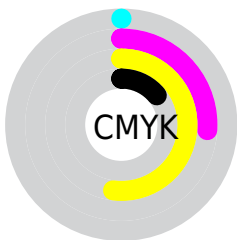
Blue (42%)



Red (86%)

Yellow (85%)

Blue (42%)

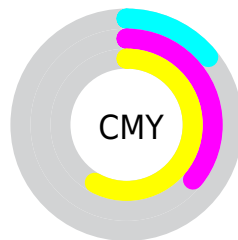


Cyan (0%)

Magenta (26%)

Yellow (52%)

Black (14%)



Cyan (14%)


Magenta (36%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.9580, -33.0103, 41.2558 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 172.9580, -33.0103, 41.2558 by changing the saturation by 10% instead.

 172.9580,
-33.0103, 41.2558


 172.9580,
-33.0103, 41.2558


255.0000, 0.0000,
0.0000

 146.1750,
-32.1313, 39.3115


 221.6360,
-31.3725, 29.2602


 119.5060,
-30.8155, 37.2672


 241.1500,
-27.6820, 12.1464


 94.4240, -29.7890,
34.7082

 250.2120,
-18.3455, 4.1991

 70.0000, -30.0730,
32.4490

 253.5180, -5.6784,
1.2997

 47.4000, -23.3682,
28.5902

 27.8860, -13.7478,
22.9020

 9.2690, -4.5696,

19.0581

■ 0.0000, 0.0000,
0.0000

■ 172.9580,
-33.0103, 41.2558

■ 172.9580,
-33.0103, 41.2558

■ 163.9930,
-39.4365, 49.1181

■ 181.9230,
-26.5840, 33.3935

■ 155.0280,
-45.8628, 56.9804

■ 190.8880,
-20.1578, 25.5312

■ 145.4760,
-51.9997, 65.3575

■ 200.4400,
-14.0209, 17.1541

■ 136.5110,
-58.4259, 73.2199

■ 209.4050, -7.5947,
9.2918

■ 129.1760,
-63.6838, 79.6526

■ 218.3700, -1.1684,
1.4295

■ 227.3350, 5.2578,
-6.4328

■ 235.7300, 9.5001,
-13.7952

■ 242.7740, 6.0274,
-19.9728

■ 244.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



174.6300, -22.0026, 57.3295



172.9580, -33.0103, 41.2558



170.3370, -34.6761, 15.4905

Triad

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



172.9580, -33.0103, 41.2558



146.4120, 18.0379, -92.4463



177.4770, 26.8798, 11.8597

Complementary

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



172.9580, -33.0103, 41.2558



153.0420, 33.0103, -41.2558

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.



170.8460, 37.0509, -30.5599



172.9580, -33.0103, 41.2558



136.9690, 39.9483, -120.1218

Square

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



172.9580, -33.0103, 41.2558



159.1450, -6.9735, -50.1162



155.5040, 42.1495, -79.3720



178.6630, 11.5051, 43.2685

Rectangle

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



172.9580, -33.0103, 41.2558



167.4700, -29.8117, -4.7972



155.5040, 42.1495, -79.3720



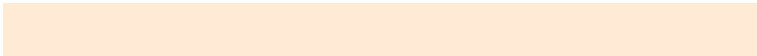
176.0130, 30.5596, -1.7654

Sweetspot

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



172.9580, -33.0103, 41.2558



237.9990, -11.8315, 14.9099



146.8120, 8.9667, 64.1859



117.5190, -7.1579, 9.1918



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.



172.9580, -33.0103, 41.2558



190.0280, -45.8628, 56.9804



205.8300, -49.2162, 12.4271



105.2240, -3.0684, 4.1886



101.6220, -50.0996, 62.5985



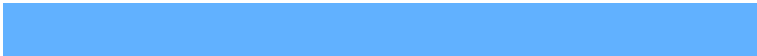
27.2550, -13.4367, 16.4394

Inverse Universe

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



153.0420, 33.0103, -41.2558



161.9720, 45.8628, -56.9804



120.1700, 49.2162, -12.4271



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 172.9580, -33.0103, 41.2558 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 172.9580, -33.0103, 41.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

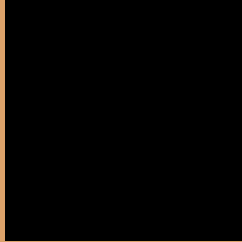
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9580, -33.0103, 41.2558

Background



This preview shows how black text looks on a background with the YUV color 172.9580, -33.0103, 41.2558.



This preview shows how white text looks on a background with the YUV color 172.9580, -33.0103,

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

172.9580, -33.0103, 41.2558

Protanopia

171.3030, -29.7294, 15.5203

Deuteranopia

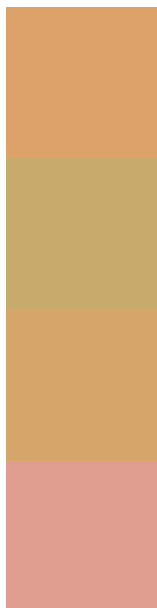
172.5010, -33.2780, 33.7636



Tritanopia

177.1840, -5.5137, 41.9346

Trichromacy



Original Color

172.9580, -33.0103, 41.2558

Protanomaly

172.0160, -31.0669, 24.5420

Deuteranomaly

172.8110, -33.4308, 36.1228

Tritanomaly

175.8390, -15.6966, 41.3602

Monochromacy



Original Color

172.9580, -33.0103, 41.2558

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.9990, -11.8315, 14.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9580, -33.0103, 41.2558 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(220, 162, 106)` looks like.

```
.text, #text, p{  
    color:rgb(220, 162, 106)  
}
```

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(220, 162, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 162, 106) }
```

Border

The CSS property to change the border of an element to YUV 172.9580, -33.0103, 41.2558 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(220, 162, 106) }
```


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

```
.border{ border-color:rgb(220, 162, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 162, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 162, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 162, 106);  
box-shadow:4px 4px 4px 4px rgb(220, 162,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 172.9580, -33.0103, 41.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 162, 106) }
```

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

```
.background{ background-color: rgb(220,  
162, 106) }
```

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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