

Converting Colors

YUV(172.0170, -29.0954,
45.5891)

Have a look what the booklet for
YUV(172.0170, -29.0954, 45.5891)
contains.

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Color

**YUV(172.0170, -29.0954,
45.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	E09D71
RGB	224, 157, 113
RGB Percent	88%, 62%, 44%
CMY	0.1216, 0.3843, 0.5569
CMYK	0.00, 0.30, 0.50, 0.12
HSL	24°, 64%, 66%
HSV	24°, 50%, 88%
XYZ	45.7781, 41.1535, 21.1534
YIQ	172.0170, 54.0560, 0.5200

Conversions

Conversions Part 2

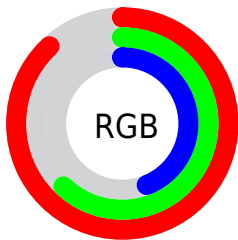
Format	Color
R _Y B	224, 186, 113
Decimal	14720369
CIE Lab	70.28, 20.02, 32.93
CIE LCh	70, 38.538, 58.702
Yxy	41.1535, 0.4235, 0.3808
Android (android.graphics.Color)	4292910449 (0xFFE09D71)
YUV	172.0170, -29.0954, 45.5891
Hunter-Lab	64.1510, 15.1132, 25.3551

Details

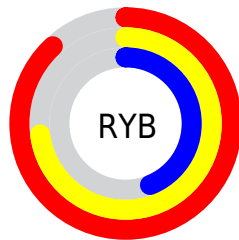
The YUV color **172.0170, -29.0954, 45.5891** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **164.9830, 29.0954, -45.5891**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4990, -26.8680, 31.1344**, and **118.5650, -26.9005, 41.6005** is the 20% darker color. If you saturate the color by 10%, you get **161.2910, -34.6535, 54.9958**, and if you desaturate by 10%, it is **182.7430, -23.5373, 36.1824**.

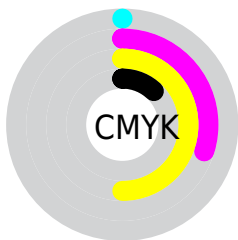
Distribution



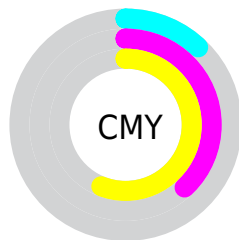
- Red (88%)
- Green (62%)
- Blue (44%)



- Red (88%)
- Yellow (73%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (50%)
- Black (12%)



- Cyan (12%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.0170, -29.0954, 45.5891 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 172.0170, -29.0954, 45.5891 by changing the saturation by 10% instead.

172.0170,
-29.0954, 45.5891

172.0170,
-29.0954, 45.5891

255.0000, 0.0000,
0.0000

145.2340,
-28.2164, 43.6448

219.4990,
-26.8680, 31.1344

118.5650,
-26.9005, 41.6005

239.1270,
-22.7406, 13.9206

93.4830, -25.8741,
39.0414

251.1240,
-14.8511, 3.3993

69.1020, -24.7003,
35.8675

254.3160, -2.6208,
0.5999

45.3620, -22.3635,
33.0085

25.2610, -12.4537,
27.8351

10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 172.0170,
-29.0954, 45.5891

■ 172.0170,
-29.0954, 45.5891

■ 161.2910,
-34.6535, 54.9958

■ 182.7430,
-23.5373, 36.1824

■ 151.0380,
-40.9377, 63.9877

■ 192.9960,
-17.2530, 27.1905

■ 140.3120,
-46.4958, 73.3944

■ 203.7220,
-11.6949, 17.7838

■ 130.0590,
-52.7801, 82.3863

■ 213.9750, -5.4107,
8.7919

■ 119.3330,
-58.3382, 91.7930

■ 224.7010, 0.1474,
-0.6148

■ 119.2190,
-58.7750, 91.8929

■ 234.8400, 5.9949,
-9.5067

■ 243.9700, 5.4378,
-17.5137

■ 245.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



173.7100, -16.6190, 57.2593



172.0170, -29.0954, 45.5891



169.3210, -33.6823, 23.3975

Triad

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



172.0170, -29.0954, 45.5891



151.7260, 8.5161, -71.6737



174.2690, 28.9544, -0.2359

Complementary

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



172.0170, -29.0954, 45.5891



164.9830, 29.0954, -45.5891

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.



166.0680, 36.9415, -42.1556



172.0170, -29.0954, 45.5891



136.8790, 33.0907, -113.9039

Square

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



172.0170, -29.0954, 45.5891



160.3270, -12.9792, -37.1208



150.4770, 39.6978, -86.3643



176.7480, 15.9002, 33.5470

Rectangle

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



172.0170, -29.0954, 45.5891



167.4820, -31.2966, 4.8393



150.4770, 39.6978, -86.3643



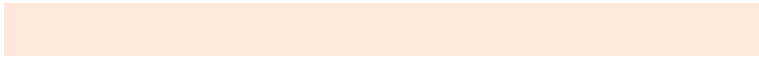
172.3920, 32.3447, -14.3758

Sweetspot

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



172.0170, -29.0954, 45.5891



237.1670, -9.9423, 15.6395



153.9410, 13.3401, 61.4417



117.1600, -5.9949, 9.5067



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.



172.0170, -29.0954, 45.5891



184.4830, -39.1851, 61.8434



203.7150, -44.7225, 17.7899



106.6370, -2.7790, 4.7034



93.7140, -46.2010, 72.1648



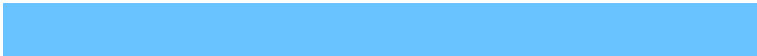
25.5050, -12.5740, 19.7281

Inverse Universe

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



164.9830, 29.0954, -45.5891



174.9300, 39.4745, -61.3286



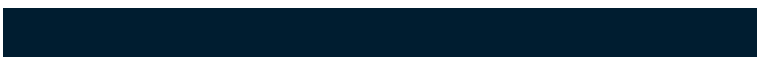
133.2850, 44.7225, -17.7899



106.3630, 2.7790, -4.7034



82.2860, 46.2010, -72.1648



22.4950, 12.5740, -19.7281

Previews

White Background



This preview shows how the YUV color 172.0170, -29.0954, 45.5891 looks on a white background.

Color Contrast Check

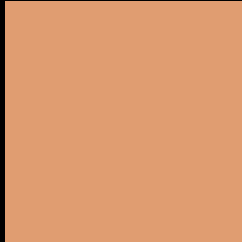
Large Text (above 18pt) WCAG AA × Fail

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 172.0170, -29.0954, 45.5891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

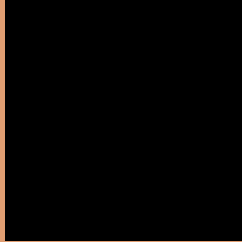
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.0170, -29.0954, 45.5891

Background



This preview shows how black text looks on a background with the YUV color 172.0170, -29.0954, 45.5891.



This preview shows how white text looks on a background with the YUV color 172.0170, -29.0954,

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

172.0170, -29.0954, 45.5891

Protanopia

170.1440, -25.2140, 13.9057

Deuteranopia

171.4020, -29.7782, 31.2194



Tritanopia

175.2770, -6.5456, 46.2381

Trichromacy



Original Color

172.0170, -29.0954, 45.5891

Protanomaly

171.1670, -26.7043, 25.2865

Deuteranomaly

171.5490, -29.3577, 36.3525

Tritanomaly

174.1000, -14.8393, 46.3933

Monochromacy



Original Color

172.0170, -29.0954, 45.5891

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.3520, -10.5265, 16.3543

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0170, -29.0954, 45.5891 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(224, 157, 113)` looks like.

```
.text, #text, p{  
    color:rgb(224, 157, 113)  
}
```

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(224, 157, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 157, 113) }
```

Border

The CSS property to change the border of an element to YUV 172.0170, -29.0954, 45.5891 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(224, 157, 113) }
```


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

```
.border{ border-color:rgb(224, 157, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 157, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 157, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 157, 113);  
box-shadow:4px 4px 4px 4px rgb(224, 157,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 172.0170, -29.0954, 45.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 157, 113) }
```

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

```
.background{ background-color: rgb(224,  
157, 113) }
```

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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