

Converting Colors

YUV(172.7440, -28.4678,
30.9195)

Have a look what the booklet for
YUV(172.7440, -28.4678, 30.9195)
contains.

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Color

**YUV(172.7440, -28.4678,
30.9195)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A673
RGB	208, 166, 115
RGB Percent	82%, 65%, 45%
CMY	0.1843, 0.3490, 0.5490
CMYK	0.00, 0.20, 0.45, 0.18
HSL	33°, 50%, 63%
HSV	33°, 45%, 82%
XYZ	42.7432, 41.9201, 22.0582
YIQ	172.7440, 41.4030, -6.9570

Conversions

Conversions Part 2

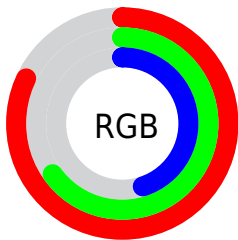
Format	Color
R_{YB}	192, 208, 115
Decimal	13674099
CIE _{Lab}	70.82, 8.86, 32.22
CIE _{LCh}	71, 33.417, 74.616
Yxy	41.9201, 0.4005, 0.3928
Android (android.graphics.Color)	4291864179 (0xFFD0A673)
YUV	172.7440, -28.4678, 30.9195
Hunter-Lab	64.7458, 4.5351, 25.1225

Details

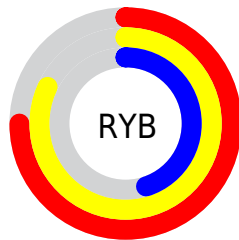
The YUV color **172.7440, -28.4678, 30.9195** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **150.2560, 28.4678, -30.9195**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1240, -28.1621, 26.2013**, and **119.8900, -26.5678, 28.1605** is the 20% darker color. If you saturate the color by 10%, you get **165.0670, -35.0360, 37.6522**, and if you desaturate by 10%, it is **180.4210, -21.8996, 24.1868**.

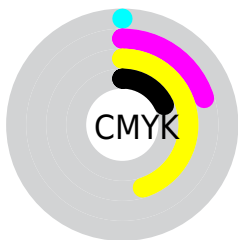
Distribution



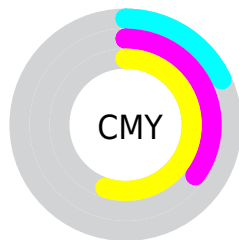
- Red (82%)
- Green (65%)
- Blue (45%)



- Red (75%)
- Yellow (82%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (18%)



- Cyan (18%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.7440, -28.4678, 30.9195 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 172.7440, -28.4678, 30.9195 by changing the saturation by 10% instead.

■ 172.7440,
-28.4678, 30.9195

■ 172.7440,
-28.4678, 30.9195

255.0000, 0.0000,
0.0000

■ 145.9610,
-27.5888, 28.9752

■ 225.1240,
-28.1621, 26.2013

■ 119.8900,
-26.5678, 28.1605

■ 245.2250,
-24.7609, 8.5727

■ 94.8080, -25.5413,
25.6014

■ 251.3520,
-13.9775, 3.1993

■ 70.3240, -24.8097,
24.2719

254.6580, -1.3104,
0.2999

■ 47.3560, -23.3465,
21.6128

■ 28.1410, -13.8735,
16.5393

■ 6.8770, -3.3904,

14.1399

■ 0.0000, 0.0000,
0.0000

■ 172.7440,
-28.4678, 30.9195

■ 172.7440,
-28.4678, 30.9195

■ 165.0670,
-35.0360, 37.6522

■ 180.4210,
-21.8996, 24.1868

■ 156.8030,
-41.3149, 44.8998

■ 188.6850,
-15.6207, 16.9393

■ 149.2400,
-47.4463, 51.5325

■ 196.2480, -9.4893,
10.3065

■ 140.9760,
-53.7252, 58.7800

■ 204.5120, -3.2104,
3.0590

■ 133.2990,
-60.2934, 65.5128

■ 212.1890, 3.3578,
-3.6738

■ 129.1100,
-63.6512, 69.1865

■ 219.8660, 9.9261,
-10.4065

■ 227.4460, 13.5841,
-17.0541

■ 232.7290, 10.9796,
-21.6873

■ 238.5990, 8.0857,
-26.8353

Harmonies

Analogous

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



174.7920, -21.0965, 46.6634



172.7440, -28.4678, 30.9195



169.8290, -27.5237, 8.0430

Triad

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



172.7440, -28.4678, 30.9195



155.6860, 15.9308, -69.8846



177.2620, 19.5908, 16.4332

Complementary

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



172.7440, -28.4678, 30.9195



150.2560, 28.4678, -30.9195

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.



173.1700, 29.0032, -15.9351



172.7440, -28.4678, 30.9195



155.5080, 29.3296, -74.1135

Square

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



172.7440, -28.4678, 30.9195



161.3180, -2.6218, -45.8829



164.8730, 32.6006, -49.8776



177.5610, 6.1324, 39.8500

Rectangle

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



172.7440, -28.4678, 30.9195



167.6850, -22.5227, -9.3707



164.8730, 32.6006, -49.8776



176.4070, 22.9703, 5.7821

Sweetspot

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



172.7440, -28.4678, 30.9195



242.4330, -10.0735, 11.0213



147.7090, 5.0735, 52.8752



119.7360, -6.2788, 7.2475



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.



172.7440, -28.4678, 30.9195



202.8740, -42.3359, 45.7145



196.5010, -40.1800, 7.4536



100.8110, -3.3578, 3.6738



104.2360, -51.3883, 55.9210



25.1730, -12.4103, 13.8803

Inverse Universe

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



150.2560, 28.4678, -30.9195



169.1260, 42.3359, -45.7145



126.4990, 40.1800, -7.4536



98.1890, 3.3578, -3.6738



63.7640, 51.3883, -55.9210



15.2400, 12.6997, -13.3655

Previews

White Background



This preview shows how the YUV color 172.7440, -28.4678, 30.9195 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 172.7440, -28.4678, 30.9195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

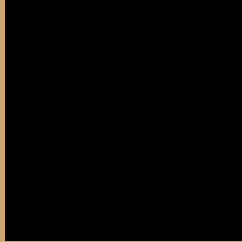
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.7440, -28.4678, 30.9195

Background



This preview shows how black text looks on a background with the YUV color 172.7440, -28.4678, 30.9195.



This preview shows how white text looks on a background with the YUV color 172.7440, -28.4678,

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

172.7440, -28.4678, 30.9195

Protanopia

171.2150, -26.2350, 14.7204

Deuteranopia

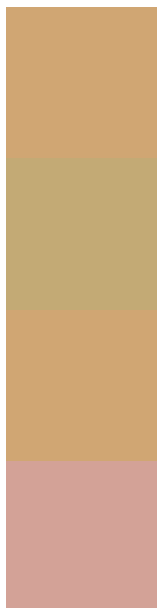
172.7440, -28.4678, 30.9195



Tritanopia

176.5140, -2.7184, 31.9982

Trichromacy



Original Color

172.7440, -28.4678, 30.9195

Protanomaly

171.4330, -26.8355, 20.6683

Deuteranomaly

172.7440, -28.4678, 30.9195

Tritanomaly

175.3970, -12.0277, 31.2238

Monochromacy



Original Color

172.7440, -28.4678, 30.9195

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.7320, -10.2209, 11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.7440, -28.4678, 30.9195 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(208, 166, 115)` looks like.

```
.text, #text, p{  
    color:rgb(208, 166, 115)  
}
```

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(208, 166, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 166, 115) }
```

Border

The CSS property to change the border of an element to YUV 172.7440, -28.4678, 30.9195 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(208, 166, 115) }
```


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

```
.border{ border-color:rgb(208, 166, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 166, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 166, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 166, 115);  
box-shadow:4px 4px 4px 4px rgb(208, 166,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 172.7440, -28.4678, 30.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 166, 115) }
```

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

```
.background{ background-color: rgb(208,  
166, 115) }
```

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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