

Converting Colors

YUV(101.2870, -28.2425,
98.8493)

Have a look what the booklet for
YUV(101.2870, -28.2425, 98.8493)
contains.

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Color

**YUV(101.2870, -28.2425,
98.8493)**

Conversions

Conversions Part 1

Format	Color
Hex	D6372C
RGB	214, 55, 44
RGB Percent	84%, 22%, 17%
CMY	0.1608, 0.7843, 0.8275
CMYK	0.00, 0.74, 0.79, 0.16
HSL	4°, 67%, 51%
HSV	4°, 79%, 84%
XYZ	29.5524, 17.2104, 4.1472
YIQ	101.2870, 98.2950, 30.2870

Conversions

Conversions Part 2

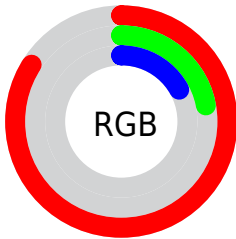
Format	Color
RYB	214, 56, 44
Decimal	14038828
CIELab	48.52, 60.61, 43.96
CIELCh	49, 74.872, 35.951
Yxy	17.2104, 0.5805, 0.3381
Android (android.graphics.Color)	4292228908 (0xFFD6372C)
YUV	101.2870, -28.2425, 98.8493
Hunter-Lab	41.4854, 54.5562, 23.1126

Details

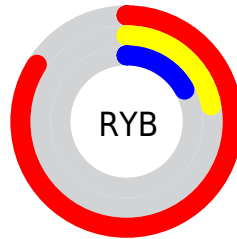
The YUV color **101.2870, -28.2425, 98.8493** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **156.7130, 28.2425, -98.8493**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9500, -30.5413, 89.4979**, and **45.1490, -22.2585, 92.8313** is the 20% darker color. If you saturate the color by 10%, you get **87.1530, -31.6274, 111.2448**, and if you desaturate by 10%, it is **115.4210, -24.8576, 86.4538**.

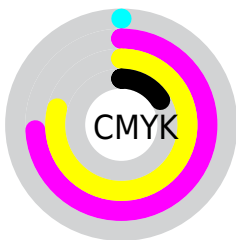
Distribution



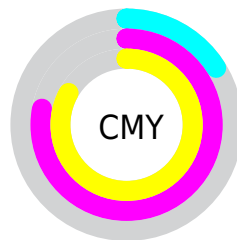
- Red (84%)
- Green (22%)
- Blue (17%)



- Red (84%)
- Yellow (22%)
- Blue (17%)



- Cyan (0%)
- Magenta (74%)
- Yellow (79%)
- Black (16%)





- Cyan (16%)
- Magenta (78%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.2870, -28.2425, 98.8493 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 101.2870, -28.2425, 98.8493 by changing the saturation by 10% instead.


 101.2870,
-28.2425, 98.8493


 101.2870,
-28.2425, 98.8493


255.0000, 0.0000,
0.0000


 66.3180, -21.8488,
101.4531


 152.9500,
-30.5413, 89.4979


 45.1490, -22.2585,
92.8313


 172.8230,
-28.0137, 72.0692


 35.5810, -17.5414,
73.1585


 192.2230,
-24.7599, 55.0554

 26.6110, -13.1192,
54.7152

 212.3240,
-21.3587, 37.4269

 18.5810, -7.6814,
37.2015

 232.4250,
-17.9575, 19.7983

 6.8770, -3.3904,
14.1399

 251.4660,

 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.7720, -0.8736,
0.2000

■ 101.2870,
-28.2425, 98.8493

■ 101.2870,
-28.2425, 98.8493

■ 87.1530, -31.6274,
111.2448

■ 115.4210,
-24.8576, 86.4538

■ 72.9050, -35.4492,
123.7403

■ 129.6690,
-21.0358, 73.9583

■ 72.2040, -35.5966,
124.3551

■ 143.8030,
-17.6509, 61.5628

■ 158.0510,
-13.8291, 49.0673

■ 172.1850,
-10.4442, 36.6718

■ 186.3190, -7.0593,
24.2762

■ 200.5670, -3.2375,
11.7807

■ 214.7010, 0.1474,
-0.6148

■ 228.9490, 3.9691,
-13.1103

Harmonies

Analogous

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



89.3270, 8.2198, 117.2312



101.2870, -28.2425, 98.8493



107.8240, -53.1572, 63.2984

Triad

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



101.2870, -28.2425, 98.8493



88.4330, -14.0175, -77.5557



98.1420, 71.4150, -86.0705

Complementary

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



101.2870, -28.2425, 98.8493



156.7130, 28.2425, -98.8493

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.



105.6930, 62.2694, -92.6928



101.2870, -28.2425, 98.8493



97.8320, 14.3798, -85.7987

Square

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



101.2870, -28.2425, 98.8493



94.8260, -46.7492, -32.2964



104.3130, 41.7507, -91.4825



116.6550, 50.4561, 9.9496

Rectangle

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



101.2870, -28.2425, 98.8493



108.5230, -53.5018, 33.7443



104.3130, 41.7507, -91.4825



101.6640, 69.6786, -89.1593

Sweetspot

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



101.2870, -28.2425, 98.8493



214.5870, -10.1494, 35.4422



113.2980, 45.7021, 88.3157



103.2370, -6.0328, 21.7172



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.



101.2870, -28.2425, 98.8493



94.1630, -40.0134, 141.0540



150.0080, -52.2619, 56.1210



99.8760, -1.9109, 6.2477



57.5860, -28.3899, 99.4641



14.6180, -7.2067, 24.8910

Inverse Universe

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



156.7130, 28.2425, -98.8493



173.2500, 40.3028, -140.5392



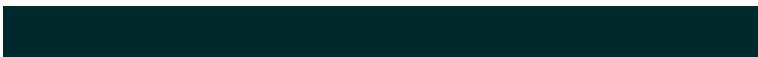
108.5790, 51.9726, -56.6358



103.1240, 1.9109, -6.2477



113.4140, 28.3899, -99.4641



28.9690, 6.9173, -25.4058

Previews

White Background



This preview shows how the YUV color 101.2870, -28.2425, 98.8493 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 101.2870, -28.2425, 98.8493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.2870, -28.2425, 98.8493

Background



This preview shows how black text looks on a background with the YUV color 101.2870, -28.2425, 98.8493.



This preview shows how white text looks on a background with the YUV color 101.2870, -28.2425,

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

101.2870, -28.2425, 98.8493

Protanopia

113.3180, -25.7928, 12.8761

Deuteranopia

111.7580, -39.8137, 30.0302



Tritanopia

101.3670, -22.8589, 98.7791

Trichromacy



Original Color

101.2870, -28.2425, 98.8493

Protanomaly

108.9890, -26.6166, 43.8596

Deuteranomaly

108.0630, -35.5271, 55.1957

Tritanomaly

101.4980, -24.8955, 98.6643

Monochromacy



Original Color

101.2870, -28.2425, 98.8493

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8860, -10.2968, 36.0570

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2870, -28.2425, 98.8493 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(214, 55, 44)` looks like.

```
.text, #text, p{  
    color:rgb(214, 55, 44)  
}
```

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(214, 55, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 55, 44) }
```

Border

The CSS property to change the border of an element to YUV 101.2870, -28.2425, 98.8493 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(214, 55, 44) }
```


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

```
.border{ border-color:rgb(214, 55, 44) }
```

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

Here you see how a box with a 4 pixel rgb(214, 55, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 55, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 55, 44);  
box-shadow:4px 4px 4px 4px rgb(214, 55,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 101.2870, -28.2425, 98.8493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 55, 44) }
```

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

```
.background{ background-color: rgb(214, 55,  
44) }
```

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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