

Converting Colors

YUV(103.4290, -30.2845,
100.4788)

Have a look what the booklet for
YUV(103.4290, -30.2845, 100.4788)
contains.

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Color

**YUV(103.4290, -30.2845,
100.4788)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DA392A |
| RGB | 218, 57, 42 |
| RGB Percent | 85%, 22%, 16% |
| CMY | 0.1451, 0.7765, 0.8353 |
| CMYK | 0.00, 0.74, 0.81, 0.15 |
| HSL | 5°, 70%, 51% |
| HSV | 5°, 81%, 85% |
| XYZ | 30.7945, 17.9988, 4.0416 |
| YIQ | 103.4290, 100.7710, 29.4670 |

Conversions

Conversions Part 2

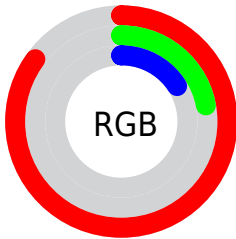
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 218, 58, 42 |
| Decimal | 14301482 |
| CIE Lab | 49.49, 61.11, 46.21 |
| CIE LCh | 49, 76.610, 37.095 |
| Yxy | 17.9988, 0.5828, 0.3407 |
| Android (android.graphics.Color) | 4292491562 (0xFFDA392A) |
| YUV | 103.4290, -30.2845, 100.4788 |
| Hunter-Lab | 42.4250, 55.3215, 24.0494 |

Details

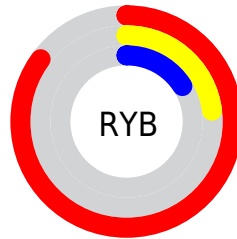
The YUV color **103.4290, -30.2845, 100.4788** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **156.5710, 30.2845, -100.4788**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8960, -31.9937, 88.6682**, and **46.0460, -22.7007, 94.6757** is the 20% darker color. If you saturate the color by 10%, you get **89.1810, -34.1062, 112.9743**, and if you desaturate by 10%, it is **117.6770, -26.4628, 87.9833**.

Distribution



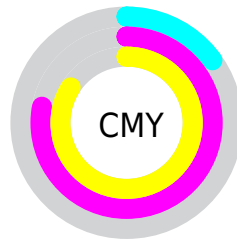
- Red (85%)
- Green (22%)
- Blue (16%)



- Red (85%)
- Yellow (23%)
- Blue (16%)



- Cyan (0%)
- Magenta (74%)
- Yellow (81%)
- Black (15%)





- Cyan (15%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.4290, -30.2845, 100.4788 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 103.4290, -30.2845, 100.4788 by changing the saturation by 10% instead.


 103.4290,
-30.2845, 100.4788


 103.4290,
-30.2845, 100.4788


255.0000, 0.0000,
0.0000


 68.9330, -24.6170,
102.6678


 153.8960,
-31.9937, 88.6682


 46.0460, -22.7007,
94.6757


 173.8830,
-29.0293, 71.1396


 36.7770, -18.1311,
75.6176


 193.1690,
-26.2123, 54.2258

 27.5080, -13.5614,
56.5595

 213.2700,
-22.8111, 36.5972

 19.4780, -8.1237,
39.0458

 234.0720,
-19.2625, 18.3539

 8.7850, -3.8380,
17.7286

 251.3520,

 0.0000, 0.0000,

-13.9775, 3.1993

0.0000

254.5440, -1.7472,
0.3999

■ 103.4290,
-30.2845, 100.4788

■ 103.4290,
-30.2845, 100.4788

■ 89.1810, -34.1062,
112.9743

■ 117.6770,
-26.4628, 87.9833

■ 76.3350, -37.6332,
124.2402

■ 131.9250,
-22.6410, 75.4878

■ 146.0590,
-19.2561, 63.0923

■ 160.3070,
-15.4344, 50.5968

■ 174.5550,
-11.6126, 38.1013

■ 188.8030, -7.7909,
25.6058

■ 203.0510, -3.9691,
13.1103

■ 217.1850, -0.5842,
0.7148

■ 230.8460, 3.5269,
-11.2659

Harmonies

Analogous

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



89.2460, 7.7667, 122.5643



103.4290, -30.2845, 100.4788



110.1830, -54.3202, 62.9835

Triad

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



103.4290, -30.2845, 100.4788



90.5360, -13.5752, -79.4001



99.4130, 73.7464, -87.1852

Complementary

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



103.4290, -30.2845, 100.4788



156.5710, 30.2845, -100.4788

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.



108.1380, 64.0220, -94.8370



103.4290, -30.2845, 100.4788



100.1630, 15.6956, -87.8430

Square

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



103.4290, -30.2845, 100.4788



95.6900, -47.1752, -35.6851



106.7580, 43.5033, -93.6268



119.4920, 51.0294, 12.7235

Rectangle

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



103.4290, -30.2845, 100.4788



110.5830, -54.5174, 32.8147



106.7580, 43.5033, -93.6268



103.5220, 71.7207, -90.7888

Sweetspot

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



103.4290, -30.2845, 100.4788



215.1740, -10.4388, 34.9274



112.9780, 44.3808, 92.1043



103.8240, -6.3222, 21.2024



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.



103.4290, -30.2845, 100.4788



94.1800, -42.4867, 141.0391



155.0850, -55.7509, 55.1765



102.8760, -1.9109, 6.2477



60.5320, -29.8423, 98.6344



16.1020, -7.9383, 26.2205

Inverse Universe

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



156.5710, 30.2845, -100.4788



168.8200, 42.4867, -141.0391



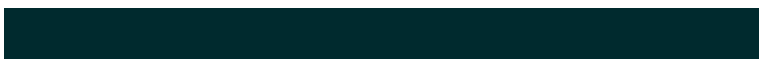
104.9150, 55.7509, -55.1765



106.1240, 1.9109, -6.2477



113.0550, 29.5529, -99.1492



29.8980, 7.9383, -26.2205

Previews

White Background



This preview shows how the YUV color 103.4290, -30.2845, 100.4788 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 103.4290, -30.2845, 100.4788 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 × Fail

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

YUV 103.4290, -30.2845, 100.4788 Background



This preview shows how black text looks on a background with the YUV color 103.4290, -30.2845, 100.4788.



This preview shows how white text looks on a background with the YUV color 103.4290, -30.2845, 100.4788.

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

103.4290, -30.2845, 100.4788

Protanopia

115.1610, -27.6874, 13.8908

Deuteranopia

113.3730, -42.5819, 31.2449



Tritanopia

103.9650, -23.1537, 100.0087

Trichromacy



Original Color

103.4290, -30.2845, 100.4788

Protanomaly

111.1310, -28.6586, 45.4891

Deuteranomaly

109.6780, -38.2953, 56.4104

Tritanomaly

103.9820, -25.6271, 99.9938

Monochromacy



Original Color

103.4290, -30.2845, 100.4788

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0710, -10.8810, 36.7717

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4290, -30.2845, 100.4788 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(218, 57, 42)` looks like.

```
.text, #text, p{  
    color:rgb(218, 57, 42)  
}
```

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(218, 57, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 57, 42) }
```

Border

The CSS property to change the border of an element to YUV 103.4290, -30.2845, 100.4788 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(218, 57, 42) }
```


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

```
.border{ border-color:rgb(218, 57, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 57, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 57, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 57, 42);  
box-shadow:4px 4px 4px 4px rgb(218, 57,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 103.4290, -30.2845, 100.4788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 57, 42) }
```

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

```
.background{ background-color: rgb(218, 57,  
42) }
```

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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