

Converting Colors

YUV(113.8700, -35.9249,
89.5680)

Have a look what the booklet for
YUV(113.8700, -35.9249, 89.5680)
contains.

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Color

**YUV(113.8700, -35.9249,
89.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	D84C29
RGB	216, 76, 41
RGB Percent	85%, 30%, 16%
CMY	0.1529, 0.7020, 0.8392
CMYK	0.00, 0.65, 0.81, 0.15
HSL	12°, 69%, 50%
HSV	12°, 81%, 85%
XYZ	31.3036, 19.9279, 4.2944
YIQ	113.8700, 94.6750, 18.7950

Conversions

Conversions Part 2

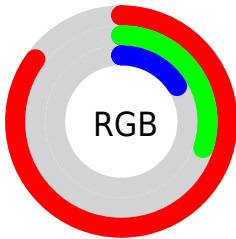
Format	Color
R_{YB}	216, 85, 41
Decimal	14175273
CIE _{Lab}	51.76, 53.24, 48.74
CIE _{LCh}	52, 72.184, 42.472
Yxy	19.9279, 0.5638, 0.3589
Android (android.graphics.Color)	4292365353 (0xFFD84C29)
YUV	113.8700, -35.9249, 89.5680
Hunter-Lab	44.6407, 47.0491, 25.5448

Details

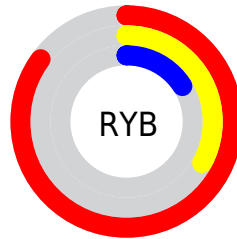
The YUV color **113.8700, -35.9249, 89.5680** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **143.1300, 35.9249, -89.5680**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2880, -36.6240, 80.4314**, and **51.6170, -25.4472, 88.9129** is the 20% darker color. If you saturate the color by 10%, you get **101.3830, -40.6148, 100.5191**, and if you desaturate by 10%, it is **126.3570, -31.2350, 78.6169**.

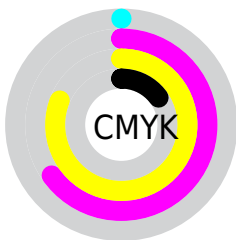
Distribution



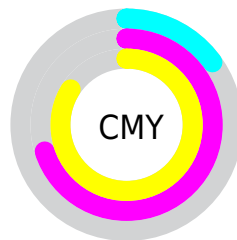
- Red (85%)
- Green (30%)
- Blue (16%)



- Red (85%)
- Yellow (33%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (81%)
- Black (15%)





- Cyan (15%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.8700, -35.9249, 89.5680 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 113.8700, -35.9249, 89.5680 by changing the saturation by 10% instead.


 113.8700,
-35.9249, 89.5680


 113.8700,
-35.9249, 89.5680


255.0000, 0.0000,
0.0000

 84.5430, -33.2987,
87.2238


 163.2880,
-36.6240, 80.4314


 51.6170, -25.4472,
88.9129


 182.6880,
-33.3702, 63.4176


 36.4780, -17.9837,
75.0028


 202.0880,
-30.1164, 46.4038

 27.5080, -13.5614,
56.5595

 222.1890,
-26.7152, 28.7752

 19.3640, -8.5605,
39.1458

 242.2900,
-23.3140, 11.1467

 9.3830, -4.1328,
18.9581

 251.3520,

 0.0000, 0.0000,

-13.9775, 3.1993

0.0000

254.6580, -1.3104,
0.2999

■ 113.8700,
-35.9249, 89.5680

■ 113.8700,
-35.9249, 89.5680

■ 101.3830,
-40.6148, 100.5191

■ 126.3570,
-31.2350, 78.6169

■ 89.8250, -44.2837,
110.6555


■ 139.3170,
-27.2713, 67.2510

■ 151.8040,
-22.5814, 56.2999

■ 164.1770,
-18.3283, 45.4488

■ 176.6640,
-13.6384, 34.4977

 189.7380, -9.2378,
23.0318

 202.1110, -4.9847,
12.1807

 214.5980, -0.2948,
1.2296

 227.5580, 3.6689,
-10.1364

Harmonies

Analogous

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



108.0580, -3.9726, 107.8201



113.8700, -35.9249, 89.5680



116.0310, -57.2033, 54.3468

Triad

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



113.8700, -35.9249, 89.5680



96.4520, -6.1388, -84.5884



100.1310, 71.4204, -87.8149

Complementary

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



113.8700, -35.9249, 89.5680



143.1300, 35.9249, -89.5680

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.



110.3550, 64.9010, -96.7813



113.8700, -35.9249, 89.5680



104.9220, 21.2375, -92.0166

Square

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



113.8700, -35.9249, 89.5680



98.9170, -44.8221, -43.7772



110.9470, 46.8611, -97.3005



126.1580, 44.2921, 27.0484

Rectangle

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



113.8700, -35.9249, 89.5680



115.5560, -56.9691, 25.8224



110.9470, 46.8611, -97.3005



104.5820, 70.7051, -91.7184

Sweetspot

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



113.8700, -35.9249, 89.5680



219.2830, -12.4645, 31.3238



109.2850, 35.3555, 93.5891



106.1720, -7.4798, 19.1432



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.



113.8700, -35.9249, 89.5680



110.6160, -50.5897, 126.6248



164.9390, -61.1019, 44.7805



101.0500, -2.4896, 5.2182



71.0870, -35.0459, 87.6237



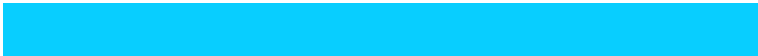
18.1400, -8.9430, 21.8022

Inverse Universe

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



143.1300, 35.9249, -89.5680



152.3840, 50.5897, -126.6248



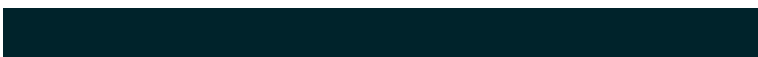
91.4740, 61.3913, -44.2657



102.5370, 2.2003, -5.7329



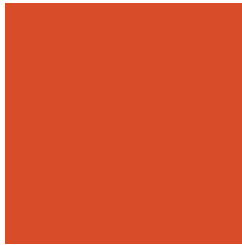
99.9130, 35.0459, -87.6237



25.4470, 8.6536, -22.3170

Previews

White Background



This preview shows how the YUV color 113.8700, -35.9249, 89.5680 looks on a white 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

Black Background



This preview shows how the YUV color 113.8700, -35.9249, 89.5680 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 113.8700, -35.9249, 89.5680

Background



This preview shows how black text looks on a background with the YUV color 113.8700, -35.9249, 89.5680.



This preview shows how white text looks on a background with the YUV color 113.8700, -35.9249, 89.5680.

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

113.8700, -35.9249, 89.5680

Protanopia

120.2060, -32.6396, 15.6053

Deuteranopia

119.1020, -44.9133, 32.3595



Tritanopia

115.8110, -19.6268, 88.7428

Trichromacy



Original Color

113.8700, -35.9249, 89.5680

Protanomaly

118.0290, -34.0313, 42.0706

Deuteranomaly

117.4450, -41.6314, 53.1067

Tritanomaly

114.9160, -25.5946, 89.5277

Monochromacy



Original Color

113.8700, -35.9249, 89.5680

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7670, -13.1961, 32.6533

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8700, -35.9249, 89.5680 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(216, 76, 41)` looks like.

```
.text, #text, p{  
    color:rgb(216, 76, 41)  
}
```

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(216, 76, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 76, 41) }
```

Border

The CSS property to change the border of an element to YUV 113.8700, -35.9249, 89.5680 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(216, 76, 41) }
```


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

```
.border{ border-color:rgb(216, 76, 41) }
```

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

Here you see how a box with a 4 pixel rgb(216, 76, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 76, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 76, 41);  
box-shadow:4px 4px 4px 4px rgb(216, 76,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 113.8700, -35.9249, 89.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 76, 41) }
```

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

```
.background{ background-color: rgb(216, 76,  
41) }
```

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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