

Converting Colors

YUV(115.2550, -33.1567,
88.3534)

Have a look what the booklet for
YUV(115.2550, -33.1567, 88.3534)
contains.

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Color

**YUV(115.2550, -33.1567,
88.3534)**

Conversions

Conversions Part 1

Format	Color
Hex	D84D30
RGB	216, 77, 48
RGB Percent	85%, 30%, 19%
CMY	0.1529, 0.6980, 0.8118
CMYK	0.00, 0.64, 0.78, 0.15
HSL	10°, 68%, 52%
HSV	10°, 78%, 85%
XYZ	31.5063, 20.1201, 5.0193
YIQ	115.2550, 92.1530, 20.4490

Conversions

Conversions Part 2

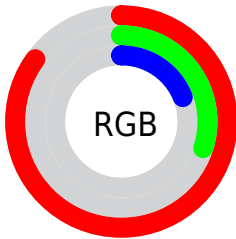
Format	Color
R _Y B	216, 83, 48
Decimal	14175536
CIE Lab	51.97, 53.05, 45.48
CIE LCh	52, 69.879, 40.607
Yxy	20.1201, 0.5562, 0.3552
Android (android.graphics.Color)	4292365616 (0xFFD84D30)
YUV	115.2550, -33.1567, 88.3534
Hunter-Lab	44.8554, 46.8808, 24.7643

Details

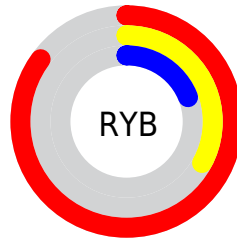
The YUV color **115.2550, -33.1567, 88.3534** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **148.7450, 33.1567, -88.3534**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6730, -33.8558, 79.2168**, and **52.7910, -26.0260, 87.8833** is the 20% darker color. If you saturate the color by 10%, you get **102.1810, -37.5572, 99.8193**, and if you desaturate by 10%, it is **128.3290, -28.7562, 76.8875**.

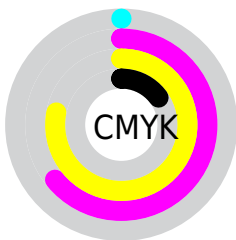
Distribution



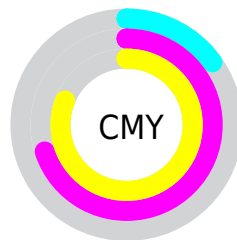
- Red (85%)
- Green (30%)
- Blue (19%)



- Red (85%)
- Yellow (33%)
- Blue (19%)



- Cyan (0%)
- Magenta (64%)
- Yellow (78%)
- Black (15%)



- Cyan (15%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2550, -33.1567, 88.3534 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 115.2550, -33.1567, 88.3534 by changing the saturation by 10% instead.

■ 115.2550,
-33.1567, 88.3534

■ 115.2550,
-33.1567, 88.3534

■ 255.0000, 0.0000,
0.0000

■ 86.6290, -30.3831,
85.3944

■ 164.6730,
-33.8558, 79.2168

■ 52.7910, -26.0260,
87.8833

■ 184.0730,
-30.6020, 62.2030

■ 36.7770, -18.1311,
75.6176

■ 203.4730,
-27.3482, 45.1892

■ 27.5080, -13.5614,
56.5595

■ 223.5740,
-23.9470, 27.5606

■ 19.3640, -8.5605,
39.1458

■ 243.6750,
-20.5458, 9.9320

■ 9.6820, -4.2802,
19.5729

■ 252.2640,

■ 0.0000, 0.0000,

-10.4832, 2.3995

0.0000

■ 115.2550,
-33.1567, 88.3534

■ 115.2550,
-33.1567, 88.3534

■ 102.1810,
-37.5572, 99.8193

■ 128.3290,
-28.7562, 76.8875

■ 89.2210, -41.5210,
111.1852

■ 141.2890,
-24.7925, 65.5215

■ 86.3030, -42.5474,
113.7443

■ 154.3630,
-20.3920, 54.0556

■ 166.7360,
-16.1388, 43.2045

■ 179.8100,
-11.7383, 31.7386

■ 192.8840, -7.3378,
20.2727

■ 205.8440, -3.3741,
8.9068

■ 218.9180, 1.0264,
-2.5591

■ 231.8780, 4.9901,
-13.9250

Harmonies

Analogous

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



111.2530, -3.0827, 102.3871



115.2550, -33.1567, 88.3534



116.3410, -57.3561, 56.7059

Triad

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



115.2550, -33.1567, 88.3534



96.2240, -7.0124, -84.3884



100.4900, 70.2574, -88.1297

Complementary

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



115.2550, -33.1567, 88.3534



148.7450, 33.1567, -88.3534

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.



109.7850, 62.7170, -96.2814



115.2550, -33.1567, 88.3534



104.4660, 19.4903, -91.6167

Square

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



115.2550, -33.1567, 88.3534



102.2600, -44.9912, -36.1850



110.3770, 44.6771, -96.8006



126.7120, 44.0190, 21.3006

Rectangle

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



115.2550, -33.1567, 88.3534



116.1650, -57.2693, 28.7963



110.3770, 44.6771, -96.8006



104.8270, 69.1053, -91.9333

Sweetspot

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



115.2550, -33.1567, 88.3534



219.5110, -11.5909, 31.1239



114.1920, 36.3873, 89.2856



106.2860, -7.0430, 19.0432



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.



115.2550, -33.1567, 88.3534



112.9300, -46.8005, 124.5954



163.9760, -57.1762, 45.6250



100.4630, -2.2003, 5.7329



68.1520, -33.5989, 90.1977



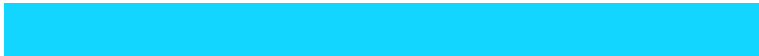
16.9660, -8.3642, 22.8318

Inverse Universe

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



148.7450, 33.1567, -88.3534



160.0700, 46.8005, -124.5954



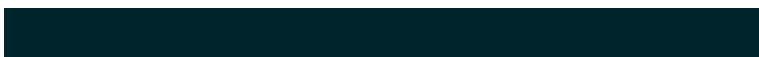
100.0240, 57.1762, -45.6250



102.5370, 2.2003, -5.7329



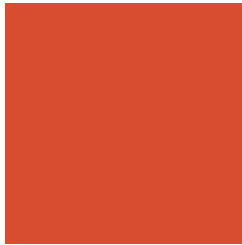
102.2610, 33.8883, -89.6829



26.0340, 8.3642, -22.8318

Previews

White Background



This preview shows how the YUV color 115.2550, -33.1567, 88.3534 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 115.2550, -33.1567, 88.3534 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 115.2550, -33.1567, 88.3534 Background



This preview shows how black text looks on a background with the YUV color 115.2550, -33.1567, 88.3534.



This preview shows how white text looks on a background with the YUV color 115.2550, -33.1567,

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

115.2550, -33.1567, 88.3534

Protanopia

121.7050, -29.4346, 14.2907

Deuteranopia

120.1280, -40.9821, 31.4597



Tritanopia

116.6260, -19.0426, 88.0280

Trichromacy



Original Color

115.2550, -33.1567, 88.3534

Protanomaly

119.5280, -30.8263, 40.7559

Deuteranomaly

118.3570, -38.1370, 52.3069

Tritanomaly

115.9590, -24.1368, 88.6130

Monochromacy



Original Color

115.2550, -33.1567, 88.3534

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1090, -11.8857, 32.3534

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2550, -33.1567, 88.3534 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, 77, 48)` looks like.

```
.text, #text, p{  
    color:rgb(216, 77, 48)  
}
```

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, 77, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 77, 48) }
```

Border

The CSS property to change the border of an element to YUV 115.2550, -33.1567, 88.3534 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, 77, 48) }
```


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

```
.border{ border-color:rgb(216, 77, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 77, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 77, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 77, 48);  
box-shadow:4px 4px 4px 4px rgb(216, 77,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 115.2550, -33.1567, 88.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 77, 48) }
```

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

```
.background{ background-color: rgb(216, 77,  
48) }
```

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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