

Converting Colors

YUV(121.3510, -28.7670,
80.3762)

Have a look what the booklet for
YUV(121.3510, -28.7670, 80.3762)
contains.

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Color

**YUV(121.3510, -28.7670,
80.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	D5563F
RGB	213, 86, 63
RGB Percent	84%, 34%, 25%
CMY	0.1647, 0.6627, 0.7529
CMYK	0.00, 0.60, 0.70, 0.16
HSL	9°, 64%, 54%
HSV	9°, 70%, 84%
XYZ	31.6656, 21.1606, 7.1181
YIQ	121.3510, 83.0750, 19.7710

Conversions

Conversions Part 2

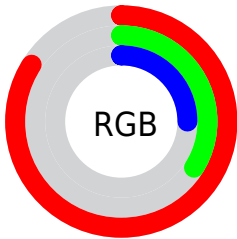
Format	Color
RYB	213, 90, 63
Decimal	13981247
CIELab	53.12, 48.67, 38.61
CIELCh	53, 62.125, 38.428
Yxy	21.1606, 0.5283, 0.3530
Android (android.graphics.Color)	4292171327 (0xFFD5563F)
YUV	121.3510, -28.7670, 80.3762
Hunter-Lab	46.0006, 42.3733, 23.0260

Details

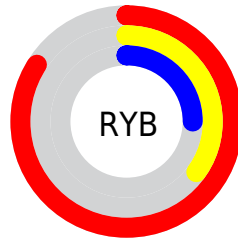
The YUV color **121.3510, -28.7670, 80.3762** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **154.6490, 28.7670, -80.3762**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1930, -29.1821, 73.4987**, and **65.1100, -23.2252, 76.2025** is the 20% darker color. If you saturate the color by 10%, you get **108.3910, -32.7308, 91.7421**, and if you desaturate by 10%, it is **134.3110, -24.8033, 69.0103**.

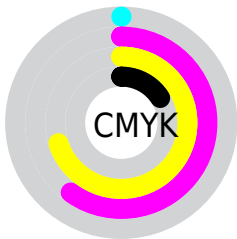
Distribution



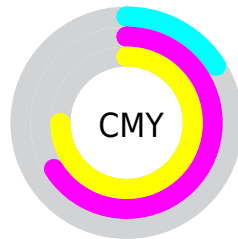
- Red (84%)
- Green (34%)
- Blue (25%)



- Red (84%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3510, -28.7670, 80.3762 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 121.3510, -28.7670, 80.3762 by changing the saturation by 10% instead.

■ 121.3510,
-28.7670, 80.3762

■ 121.3510,
-28.7670, 80.3762

■ 255.0000, 0.0000,
0.0000

■ 93.6110, -26.4302,
77.5172

■ 171.1930,
-29.1821, 73.4987

■ 65.1100, -23.2252,
76.2025

■ 190.4790,
-26.3651, 56.5849

■ 36.4780, -17.9837,
75.0028

■ 209.9930,
-22.6745, 39.4711

■ 27.5080, -13.5614,
56.5595

■ 229.5070,
-18.9840, 22.3574

■ 18.9510, -8.8498,
38.6310

■ 250.3090,
-15.4353, 4.1140

■ 9.9810, -4.4276,
20.1877

■ 254.2020, -3.0576,

■ 0.0000, 0.0000,

0.6998

0.0000

■ 121.3510,
-28.7670, 80.3762

■ 121.3510,
-28.7670, 80.3762

■ 108.3910,
-32.7308, 91.7421

■ 134.3110,
-24.8033, 69.0103

■ 95.3170, -37.1313,
103.2080

■ 147.3850,
-20.4028, 57.5444

■ 83.0580, -40.9476,
113.9591

■ 160.3450,
-16.4391, 46.1784

■ 173.3050,
-12.4754, 34.8125

■ 186.3790, -8.0748,
23.3466

■ 199.3390, -4.1111,
11.9807

■ 212.2990, -0.1474,
0.6148

■ 225.2590, 3.8163,
-10.7511

■ 238.3330, 8.2168,
-22.2170

Harmonies

Analogous

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



121.0510, -3.4761, 88.5323



121.3510, -28.7670, 80.3762



120.7690, -53.1301, 54.5766

Triad

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



121.3510, -28.7670, 80.3762



97.1530, -5.9914, -85.2032



101.6980, 64.7319, -89.1891

Complementary

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



121.3510, -28.7670, 80.3762



154.6490, 28.7670, -80.3762

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.



109.7050, 57.3334, -96.2113



121.3510, -28.7670, 80.3762



104.7110, 17.8905, -91.8315

Square

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



121.3510, -28.7670, 80.3762



110.9220, -38.9085, -27.1186



109.9380, 40.4566, -96.4156



130.2290, 39.8201, 14.7082

Rectangle

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



121.3510, -28.7670, 80.3762



118.2470, -58.2958, 31.3554



109.9380, 40.4566, -96.4156



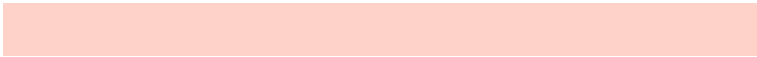
105.3340, 63.4323, -92.3779

Sweetspot

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



121.3510, -28.7670, 80.3762



222.4290, -10.5645, 28.5648



122.4420, 33.7991, 79.4194



108.5030, -6.1640, 17.0989



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.



121.3510, -28.7670, 80.3762



122.2540, -41.5372, 116.4182



165.3760, -50.4714, 41.7662



100.4630, -2.2003, 5.7329



66.3910, -32.7308, 91.7421



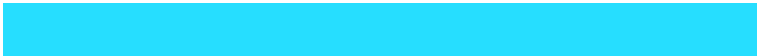
16.9660, -8.3642, 22.8318

Inverse Universe

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



154.6490, 28.7670, -80.3762



170.7460, 41.5372, -116.4182



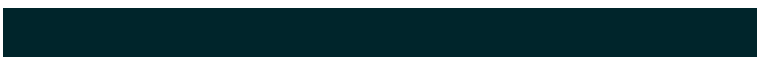
111.2110, 50.1820, -42.2810



102.5370, 2.2003, -5.7329



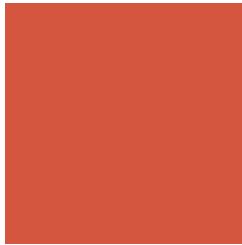
104.6090, 32.7308, -91.7421



26.6210, 8.0748, -23.3466

Previews

White Background



This preview shows how the YUV color 121.3510, -28.7670, 80.3762 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 121.3510, -28.7670, 80.3762 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 121.3510, -28.7670, 80.3762

Background



This preview shows how black text looks on a background with the YUV color 121.3510, -28.7670, 80.3762.



This preview shows how white text looks on a background with the YUV color 121.3510, -28.7670,

80.3762.

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

121.3510, -28.7670, 80.3762

Protanopia

124.8880, -23.6088, 12.3762

Deuteranopia

124.6530, -33.8459, 29.2453



Tritanopia

122.7390, -17.1263, 80.0359

Trichromacy



Original Color

121.3510, -28.7670, 80.3762

Protanomaly

123.5860, -25.4319, 37.1971

Deuteranomaly

123.3440, -31.7216, 47.9333

Tritanomaly

122.3000, -21.3469, 80.4209

Monochromacy



Original Color

121.3510, -28.7670, 80.3762

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8420, -10.2751, 29.0796

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3510, -28.7670, 80.3762 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(213, 86, 63)` looks like.

```
.text, #text, p{  
    color:rgb(213, 86, 63)  
}
```

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(213, 86, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 86, 63) }
```

Border

The CSS property to change the border of an element to YUV 121.3510, -28.7670, 80.3762 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(213, 86, 63) }
```


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

```
.border{ border-color:rgb(213, 86, 63) }
```

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

Here you see how a box with a 4 pixel rgb(213, 86, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 86, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 86, 63);  
box-shadow:4px 4px 4px 4px rgb(213, 86,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 121.3510, -28.7670, 80.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 86, 63) }
```

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

```
.background{ background-color: rgb(213, 86,  
63) }
```

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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