

Converting Colors

YUV(121.0840, -27.1564,
77.1023)

Have a look what the booklet for
YUV(121.0840, -27.1564, 77.1023)
contains.

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Color

**YUV(121.0840, -27.1564,
77.1023)**

Conversions

Conversions Part 1

Format	Color
Hex	D15742
RGB	209, 87, 66
RGB Percent	82%, 34%, 26%
CMY	0.1804, 0.6588, 0.7412
CMYK	0.00, 0.58, 0.68, 0.18
HSL	9°, 61%, 54%
HSV	9°, 68%, 82%
XYZ	30.6861, 20.7650, 7.5450
YIQ	121.0840, 79.4530, 19.3330

Conversions

Conversions Part 2

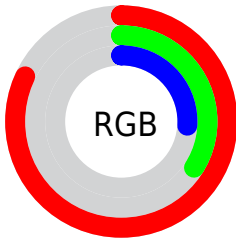
Format	Color
RYB	209, 91, 66
Decimal	13719362
CIELab	52.69, 46.92, 36.29
CIElCh	53, 59.317, 37.714
Yxy	20.7650, 0.5201, 0.3520
Android (android.graphics.Color)	4291909442 (0xFFD15742)
YUV	121.0840, -27.1564, 77.1023
Hunter-Lab	45.5687, 40.4571, 22.0812

Details

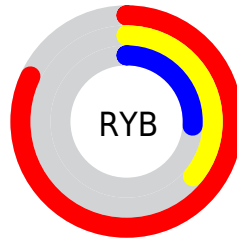
The YUV color **121.0840, -27.1564, 77.1023** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **153.9160, 27.1564, -77.1023**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1220, -28.1611, 72.6840**, and **65.4300, -21.9040, 72.4139** is the 20% darker color. If you saturate the color by 10%, you get **108.1240, -31.1201, 88.4683**, and if you desaturate by 10%, it is **134.0440, -23.1927, 65.7364**.

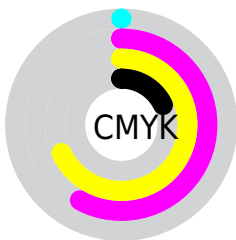
Distribution



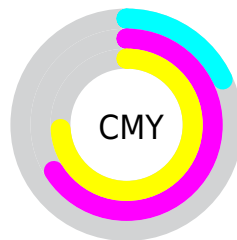
- Red (82%)
- Green (34%)
- Blue (26%)



- Red (82%)
- Yellow (36%)
- Blue (26%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (18%)



- Cyan (18%)
- Magenta (66%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0840, -27.1564, 77.1023 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 121.0840, -27.1564, 77.1023 by changing the saturation by 10% instead.

■ 121.0840,
-27.1564, 77.1023

■ 121.0840,
-27.1564, 77.1023

■ 255.0000, 0.0000,
0.0000

■ 93.3440, -24.8196,
74.2433

■ 172.1220,
-28.1611, 72.6840

■ 65.4300, -21.9040,
72.4139

■ 190.8210,
-25.0548, 56.2850

■ 35.2820, -17.3940,
72.5437

■ 210.3350,
-21.3642, 39.1712

■ 26.6110, -13.1192,
54.7152

■ 230.4360,
-17.9629, 21.5426

■ 18.3530, -8.5550,
37.4014

■ 250.6510,
-14.1249, 3.8141

■ 8.7850, -3.8380,
17.7286

■ 254.5440, -1.7472,

■ 0.0000, 0.0000,

0.3999

0.0000

■ 121.0840,
-27.1564, 77.1023

■ 121.0840,
-27.1564, 77.1023

■ 108.1240,
-31.1201, 88.4683

■ 134.0440,
-23.1927, 65.7364

■ 95.1640, -35.0839,
99.8342

■ 147.0040,
-19.2290, 54.3705

■ 82.7910, -39.3370,
110.6853

■ 159.3770,
-14.9759, 43.5194

■ 80.6880, -39.7792,
112.5296

■ 172.3370,
-11.0121, 32.1535

■ 185.2970, -7.0484,
20.7875

■ 198.1430, -3.5215,
9.5216

■ 211.1030, 0.4422,
-1.8443

■ 224.0630, 4.4059,
-13.2103

■ 236.4360, 8.6591,
-24.0614

Harmonies

Analogous

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



121.4310, -3.1705, 83.8140



121.0840, -27.1564, 77.1023



120.6100, -48.6147, 52.9620

Triad

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



121.0840, -27.1564, 77.1023



95.9790, -5.4126, -84.1736



100.4270, 62.4005, -88.0745

Complementary

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



121.0840, -27.1564, 77.1023



153.9160, 27.1564, -77.1023

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.



107.8470, 55.2914, -94.5818



121.0840, -27.1564, 77.1023



103.1950, 17.1589, -90.5020

Square

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



121.0840, -27.1564, 77.1023



111.4000, -37.1722, -24.0298



108.1940, 38.8514, -94.8861



128.8760, 38.5151, 13.2637

Rectangle

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



121.0840, -27.1564, 77.1023



117.6600, -58.0064, 31.8702



108.1940, 38.8514, -94.8861



104.0630, 61.1009, -91.2633

Sweetspot

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



121.0840, -27.1564, 77.1023



221.8420, -10.2751, 29.0796



122.8930, 33.0838, 75.5158



107.9160, -5.8746, 17.6137



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.



121.0840, -27.1564, 77.1023



126.6880, -39.7792, 112.5296



162.1740, -47.4138, 41.0664



98.4630, -2.2003, 5.7329



64.9070, -31.9992, 90.4126



15.7810, -7.7800, 22.1171

Inverse Universe

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



153.9160, 27.1564, -77.1023



174.3120, 39.7792, -112.5296



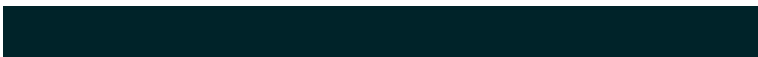
112.8260, 47.4138, -41.0664



100.5370, 2.2003, -5.7329



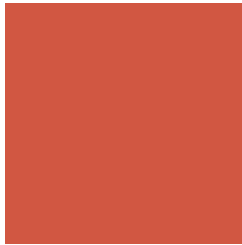
103.6800, 31.7098, -90.9274



25.2190, 7.7800, -22.1171

Previews

White Background



This preview shows how the YUV color 121.0840, -27.1564, 77.1023 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 121.0840, -27.1564, 77.1023 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 121.0840, -27.1564, 77.1023

Background



This preview shows how black text looks on a background with the YUV color 121.0840, -27.1564, 77.1023.



This preview shows how white text looks on a background with the YUV color 121.0840, -27.1564,

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

121.0840, -27.1564, 77.1023

Protanopia

124.3440, -21.8616, 11.9763

Deuteranopia

123.8100, -31.9513, 28.2306



Tritanopia

122.2440, -16.3893, 76.9620

Trichromacy



Original Color

121.0840, -27.1564, 77.1023

Protanomaly

123.3300, -23.8267, 35.6676

Deuteranomaly

122.7890, -29.9690, 45.7890

Tritanomaly

121.9190, -20.1731, 77.2470

Monochromacy



Original Color

121.0840, -27.1564, 77.1023

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2440, -9.9803, 27.8500

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0840, -27.1564, 77.1023 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(209, 87, 66)` looks like.

```
.text, #text, p{  
    color:rgb(209, 87, 66)  
}
```

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(209, 87, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 87, 66) }
```

Border

The CSS property to change the border of an element to YUV 121.0840, -27.1564, 77.1023 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(209, 87, 66) }
```


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

```
.border{ border-color:rgb(209, 87, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 87, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 87, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 87, 66);  
box-shadow:4px 4px 4px 4px rgb(209, 87,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 121.0840, -27.1564, 77.1023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 87, 66) }
```

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

```
.background{ background-color: rgb(209, 87,  
66) }
```

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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