

Converting Colors

YUV(127.4930, -30.8090,
82.0056)

Have a look what the booklet for
YUV(127.4930, -30.8090, 82.0056)
contains.

YUV(127.4930, -30.8090, 82.0056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(127.4930, -30.8090,
82.0056)**

Conversions

Conversions Part 1

Format	Color
Hex	DD5C41
RGB	221, 92, 65
RGB Percent	87%, 36%, 25%
CMY	0.1333, 0.6392, 0.7451
CMYK	0.00, 0.58, 0.71, 0.13
HSL	10°, 70%, 56%
HSV	10°, 71%, 87%
XYZ	34.6001, 23.4081, 7.6956
YIQ	127.4930, 85.5510, 18.9510

Conversions

Conversions Part 2

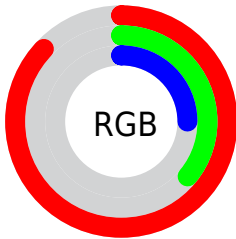
Format	Color
R _Y B	221, 98, 65
Decimal	14507073
CIE Lab	55.49, 48.86, 40.57
CIE LCh	55, 63.510, 39.700
Yxy	23.4081, 0.5266, 0.3563
Android (android.graphics.Color)	4292697153 (0xFFDD5C41)
YUV	127.4930, -30.8090, 82.0056
Hunter-Lab	48.3819, 42.9850, 24.4367

Details

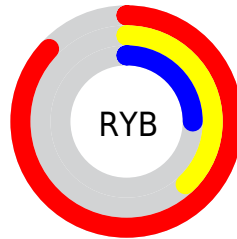
The YUV color **127.4930, -30.8090, 82.0056** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **158.5070, 30.8090, -82.0056**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9430, -30.0449, 70.2100**, and **71.4260, -25.8460, 76.8024** is the 20% darker color. If you saturate the color by 10%, you get **114.4190, -35.2096, 93.4715**, and if you desaturate by 10%, it is **140.5670, -26.4085, 70.5397**.

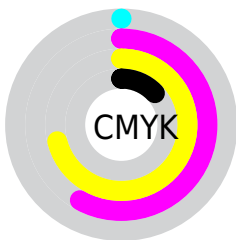
Distribution



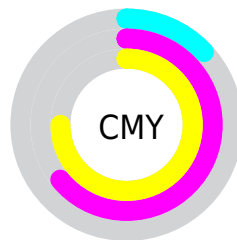
- Red (87%)
- Green (36%)
- Blue (25%)



- Red (87%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (58%)
- Yellow (71%)
- Black (13%)





- Cyan (13%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.4930, -30.8090, 82.0056 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 127.4930, -30.8090, 82.0056 by changing the saturation by 10% instead.


 127.4930,
-30.8090, 82.0056


 127.4930,
-30.8090, 82.0056


255.0000, 0.0000,
0.0000


 99.7530, -28.4722,
79.1466


 174.9430,
-30.0449, 70.2100


 71.4260, -25.8460,
76.8024


 194.3430,
-26.7911, 53.1962


 38.5710, -19.0155,
79.3062


 213.7430,
-23.5373, 36.1824

 29.6010, -14.5933,
60.8629

 233.9580,
-19.6993, 18.4538

 20.9300, -10.3185,
43.0344

 251.2380,
-14.4143, 3.2993

 12.6720, -5.7543,
25.7207

 254.5440, -1.7472,

 0.0000, 0.0000,

0.3999

0.0000

■ 127.4930,
-30.8090, 82.0056

■ 127.4930,
-30.8090, 82.0056

■ 114.4190,
-35.2096, 93.4715

■ 140.5670,
-26.4085, 70.5397

■ 100.7580,
-39.3207, 105.4522

■ 154.2280,
-22.2974, 58.5590

■ 88.3850, -43.5738,
116.3034

■ 167.3020,
-17.8969, 47.0931

■ 180.3760,
-13.4964, 35.6272

■ 193.5640, -8.6591,
24.0614

■ 207.2250, -4.5479,
12.0807

■ 220.2990, -0.1474,
0.6148

■ 233.3730, 4.2531,
-10.8511

■ 244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



127.0190, -4.9394, 91.1913



127.4930, -30.8090, 82.0056



126.3130, -54.8773, 54.9765

Triad

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



127.4930, -30.8090, 82.0056



102.0600, -4.9596, -89.5066



109.5350, 65.3052, -86.4152

Complementary

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



127.4930, -30.8090, 82.0056



158.5070, 30.8090, -82.0056

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.



114.3670, 59.9651, -100.2999



127.4930, -30.8090, 82.0056



109.8460, 19.7959, -96.3349

Square

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



127.4930, -30.8090, 82.0056



116.3130, -38.6083, -30.0925



115.1870, 42.7988, -101.0190



136.3650, 40.2461, 18.0969

Rectangle

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



127.4930, -30.8090, 82.0056



123.8510, -61.0585, 30.8257



115.1870, 42.7988, -101.0190



109.9960, 66.0640, -96.4665

Sweetspot

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



127.4930, -30.8090, 82.0056



223.0160, -10.8539, 28.0500



126.4640, 33.7882, 82.9081



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.



127.4930, -30.8090, 82.0056



125.1890, -42.9842, 113.8442



172.6920, -53.0922, 42.3661



103.4630, -2.2003, 5.7329



69.3370, -34.1831, 90.9125



18.4500, -9.0958, 24.1614

Inverse Universe

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



158.5070, 30.8090, -82.0056



167.8110, 42.9842, -113.8442



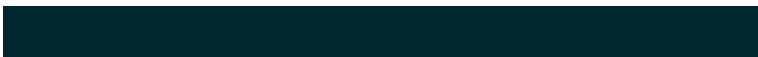
113.3080, 53.0922, -42.3661



105.5370, 2.2003, -5.7329



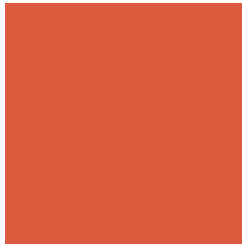
103.6630, 34.1831, -90.9125



27.5500, 9.0959, -24.1613

Previews

White Background



This preview shows how the YUV color 127.4930, -30.8090, 82.0056 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 127.4930, -30.8090, 82.0056 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 127.4930, -30.8090, 82.0056

Background



This preview shows how black text looks on a background with the YUV color 127.4930, -30.8090, 82.0056.



This preview shows how white text looks on a background with the YUV color 127.4930, -30.8090, 82.0056.

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

127.4930, -30.8090, 82.0056

Protanopia

130.7310, -25.5034, 13.3909

Deuteranopia

130.4960, -35.7405, 30.2600



Tritanopia

128.7500, -17.1318, 81.7802

Trichromacy



Original Color

127.4930, -30.8090, 82.0056

Protanomaly

129.4290, -27.3265, 38.2118

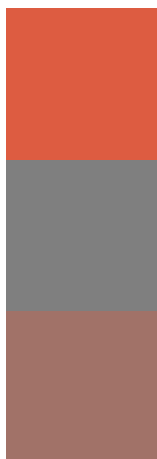
Deuteranomaly

129.1870, -33.6162, 48.9480

Tritanomaly

128.0830, -22.2259, 82.3652

Monochromacy



Original Color

127.4930, -30.8090, 82.0056

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9130, -11.2961, 29.8943

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4930, -30.8090, 82.0056 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(221, 92, 65)` looks like.

```
.text, #text, p{  
    color:rgb(221, 92, 65)  
}
```

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(221, 92, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 92, 65) }
```

Border

The CSS property to change the border of an element to YUV 127.4930, -30.8090, 82.0056 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(221, 92, 65) }
```


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

```
.border{ border-color:rgb(221, 92, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 92, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 92, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 92, 65);  
box-shadow:4px 4px 4px 4px rgb(221, 92,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 127.4930, -30.8090, 82.0056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 92, 65) }
```

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

```
.background{ background-color: rgb(221, 92,  
65) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor