

Converting Colors

YUV(137.3950, -15.4777,
64.5516)

Have a look what the booklet for
YUV(137.3950, -15.4777, 64.5516)
contains.

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Color

**YUV(137.3950, -15.4777,
64.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	D36A6A
RGB	211, 106, 106
RGB Percent	83%, 42%, 42%
CMY	0.1725, 0.5843, 0.5843
CMYK	0.00, 0.50, 0.50, 0.17
HSL	0°, 54%, 62%
HSV	0°, 50%, 83%
XYZ	34.6195, 25.1976, 16.6746
YIQ	137.3950, 62.5800, 22.2600

Conversions

Conversions Part 2

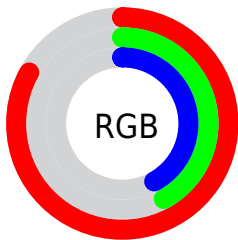
Format	Color
R_{YB}	211, 106, 106
Decimal	13855338
CIE _{Lab}	57.27, 41.27, 19.32
CIE _{LCh}	57, 45.569, 25.086
Yxy	25.1976, 0.4526, 0.3294
Android (android.graphics.Color)	4292045418 (0xFFD36A6A)
YUV	137.3950, -15.4777, 64.5516
Hunter-Lab	50.1972, 35.2612, 15.4429

Details

The YUV color **137.3950, -15.4777, 64.5516** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **179.6050, 15.4777, -64.5516**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0630, -15.3141, 58.7037**, and **83.8720, -12.2619, 59.7483** is the 20% darker color. If you saturate the color by 10%, you get **122.6740, -18.5733, 77.4619**, and if you desaturate by 10%, it is **152.1160, -12.3822, 51.6413**.

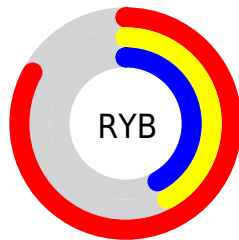
Distribution



Red (83%)

Green (42%)

Blue (42%)



Red (83%)

Yellow (42%)

Blue (42%)

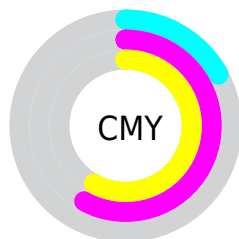


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (17%)



Cyan (17%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.3950, -15.4777, 64.5516 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 137.3950, -15.4777, 64.5516 by changing the saturation by 10% instead.


 137.3950,
-15.4777, 64.5516

 137.3950,
-15.4777, 64.5516

255.0000, 0.0000,
0.0000


 110.4270,
-14.0145, 61.8925


 188.0630,
-15.3141, 58.7037


 83.8720, -12.2619,
59.7483


 206.9900,
-11.3341, 42.1048


 57.1430, -9.9305,
58.6336

 227.2050, -7.4961,
24.3762

 30.3430, -6.5781,
56.7042

 246.8330, -3.3687,
7.1625

 20.3320, -10.0237,
41.8048

 12.6720, -5.7543,
25.7207

 0.0000, 0.0000,

0.0000

■ 137.3950,
-15.4777, 64.5516

■ 137.3950,
-15.4777, 64.5516

■ 122.6740,
-18.5733, 77.4619

■ 152.1160,
-12.3822, 51.6413

■ 107.9530,
-21.6688, 90.3722

■ 166.8370, -9.2866,
38.7310

■ 93.2320, -24.7644,
103.2825

■ 181.5580, -6.1911,
25.8206

■ 78.5110, -27.8599,
116.1929

■ 196.2790, -3.0955,
12.9103

■ 63.7900, -30.9555,
129.1032

■ 211.7010, 0.1474,
-0.6148

■ 63.0890, -31.1029,
129.7179

■ 226.4220, 3.2430,
-13.5251

■ 241.1430, 6.3385,
-26.4354

■ 241.8440, 6.4859,
-27.0502

Harmonies

Analogous

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



139.5850, 3.1626, 59.1230



137.3950, -15.4777, 64.5516



136.1920, -31.1537, 52.4516

Triad

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



137.3950, -15.4777, 64.5516



123.3930, -16.4627, -39.8097



119.6170, 47.5168, -74.2091

Complementary

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



137.3950, -15.4777, 64.5516



179.6050, 15.4777, -64.5516

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.



112.8390, 43.9564, -98.9598



137.3950, -15.4777, 64.5516



106.8650, 10.9126, -93.7206

Square

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



137.3950, -15.4777, 64.5516



130.1560, -33.6009, -2.7678



111.5390, 28.8213, -97.8197



138.8210, 35.0912, -8.6130

Rectangle

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



137.3950, -15.4777, 64.5516



134.7850, -37.3620, 37.0226



111.5390, 28.8213, -97.8197



110.6850, 50.9343, -97.0707

Sweetspot

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



137.3950, -15.4777, 64.5516



228.3620, -5.6015, 23.3615



149.3650, 30.3861, 54.0539



111.8770, -3.3904, 14.1399



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.



137.3950, -15.4777, 64.5516



147.7470, -22.5533, 94.0609



168.5060, -30.8155, 37.2672



97.2890, -1.6215, 6.7625



50.2320, -24.7644, 103.2825



12.2590, -6.0437, 25.2059

Inverse Universe

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



179.6050, 15.4777, -64.5516



209.2530, 22.5533, -94.0609



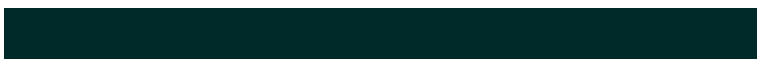
149.0810, 30.5261, -37.7820



101.7110, 1.6215, -6.7625



117.7680, 24.7644, -103.2825



28.7410, 6.0437, -25.2059

Previews

White Background



This preview shows how the YUV color 137.3950, -15.4777, 64.5516 looks on a white background.

Color Contrast Check

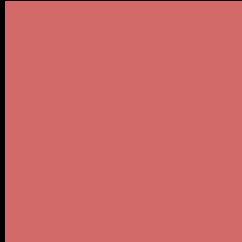
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3950, -15.4777, 64.5516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

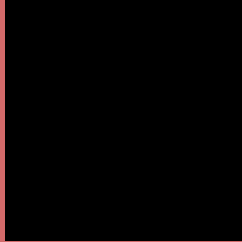
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.3950, -15.4777, 64.5516

Background



This preview shows how black text looks on a background with the YUV color 137.3950, -15.4777, 64.5516.



This preview shows how white text looks on a background with the YUV color 137.3950, -15.4777, 64.5516.

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

137.3950, -15.4777, 64.5516

Protanopia

137.8560, -8.3100, 5.3883

Deuteranopia

137.7350, -18.1104, 22.1574



Tritanopia

137.4920, -12.5676, 64.4665

Trichromacy



Original Color

137.3950, -15.4777, 64.5516

Protanomaly

137.4180, -10.5591, 26.8204

Deuteranomaly

137.7630, -17.1382, 37.0418

Tritanomaly

137.2640, -13.4412, 64.6665

Monochromacy



Original Color

137.3950, -15.4777, 64.5516

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.3620, -5.6015, 23.3615

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3950, -15.4777, 64.5516 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(211, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(211, 106, 106)  
}
```

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(211, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 106, 106) }
```

Border

The CSS property to change the border of an element to YUV 137.3950, -15.4777, 64.5516 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(211, 106, 106) }
```


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

```
.border{ border-color:rgb(211, 106, 106) }
```

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

Here you see how a box with a 4 pixel rgb(211, 106, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(211, 106,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 137.3950, -15.4777, 64.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 106, 106) }
```

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

```
.background{ background-color: rgb(211,  
106, 106) }
```

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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