

Converting Colors

YUV(142.3060, -27.2659,
65.5066)

Have a look what the booklet for
YUV(142.3060, -27.2659, 65.5066)
contains.

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Color

**YUV(142.3060, -27.2659,
65.5066)**

Conversions

Conversions Part 1

Format	Color
Hex	D97357
RGB	217, 115, 87
RGB Percent	85%, 45%, 34%
CMY	0.1490, 0.5490, 0.6588
CMYK	0.00, 0.47, 0.60, 0.15
HSL	13°, 63%, 60%
HSV	13°, 60%, 85%
XYZ	36.4663, 27.7013, 12.4417
YIQ	142.3060, 69.7800, 12.9160

Conversions

Conversions Part 2

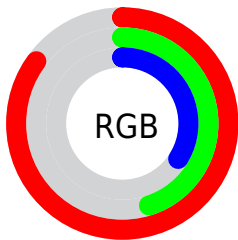
Format	Color
RYB	217, 123, 87
Decimal	14250839
CIELab	59.62, 37.38, 33.32
CIElCh	60, 50.077, 41.717
Yxy	27.7013, 0.4760, 0.3616
Android (android.graphics.Color)	4292440919 (0xFFD97357)
YUV	142.3060, -27.2659, 65.5066
Hunter-Lab	52.6320, 31.5684, 22.8268

Details

The YUV color **142.3060, -27.2659, 65.5066** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **161.6940, 27.2659, -65.5066**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0660, -26.6545, 56.0701**, and **89.1850, -23.7552, 59.4738** is the 20% darker color. If you saturate the color by 10%, you get **129.8190, -31.9558, 76.4577**, and if you desaturate by 10%, it is **154.7930, -22.5759, 54.5555**.

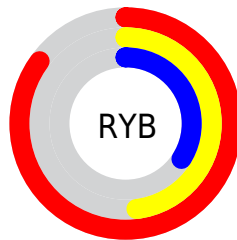
Distribution



Red (85%)

Green (45%)

Blue (34%)



Red (85%)

Yellow (48%)

Blue (34%)

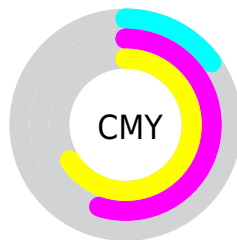


Cyan (0%)

Magenta (47%)

Yellow (60%)

Black (15%)



Cyan (15%)


Magenta (55%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.3060, -27.2659, 65.5066 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 142.3060, -27.2659, 65.5066 by changing the saturation by 10% instead.


 142.3060,
-27.2659, 65.5066

 142.3060,
-27.2659, 65.5066


255.0000, 0.0000,
0.0000

 115.3380,
-25.8026, 62.8476


 191.0660,
-26.6545, 56.0701

 89.1850, -23.7552,
59.4738


 209.9930,
-22.6745, 39.4711


 63.3310, -21.8552,
56.7147


 230.0940,
-19.2733, 21.8426

 35.7700, -17.6346,
56.3297

 250.3090,
-15.4353, 4.1140

 21.2290, -10.4659,
43.6492

 254.2020, -3.0576,
0.6998

 14.2810, -6.0545,
28.6946

 0.0000, 0.0000,

0.0000

■ 142.3060,
-27.2659, 65.5066

■ 142.3060,
-27.2659, 65.5066

■ 129.8190,
-31.9558, 76.4577

■ 154.7930,
-22.5759, 54.5555

■ 117.4460,
-36.2089, 87.3089

■ 167.1660,
-18.3228, 43.7044

■ 104.9590,
-40.8988, 98.2600

■ 179.6530,
-13.6329, 32.7533

■ 92.4720, -45.5887,
109.2111

■ 192.1400, -8.9430,
21.8022

■ 204.6270, -4.2531,
10.8511

■ 217.0000, 0.0000,
0.0000

■ 229.4870, 4.6899,
-10.9511

■ 241.2900, 6.7590,
-21.3023

■ 243.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



143.5020, -7.6425, 71.4737



142.3060, -27.2659, 65.5066



141.2050, -41.0201, 43.6702

Triad

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



142.3060, -27.2659, 65.5066



112.5530, 0.7134, -89.0620



138.2780, 45.2189, -37.0778

Complementary

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



142.3060, -27.2659, 65.5066



161.6940, 27.2659, -65.5066

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.



117.4500, 54.0082, -103.0036



142.3060, -27.2659, 65.5066



115.6820, 21.8488, -101.4531

Square

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



142.3060, -27.2659, 65.5066



132.0930, -28.1468, -25.5146



118.5950, 40.6257, -104.0078



147.8460, 30.6419, 18.5521

Rectangle

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



142.3060, -27.2659, 65.5066



138.8020, -43.2864, 23.8526



118.5950, 40.6257, -104.0078



130.3670, 50.1051, -64.3429

Sweetspot

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



142.3060, -27.2659, 65.5066



228.6240, -9.6746, 23.1318



137.7260, 26.2641, 69.5233



111.1930, -6.0111, 14.7397



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.



142.3060, -27.2659, 65.5066



149.4960, -38.6985, 92.5270



179.2870, -45.4975, 33.0743



103.4630, -2.2003, 5.7329



73.4460, -36.2089, 87.3089



19.6240, -9.6746, 23.1318

Inverse Universe

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



161.6940, 27.2659, -65.5066



176.5040, 38.6985, -92.5270



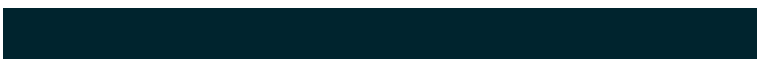
124.7130, 45.4975, -33.0743



104.9500, 2.4896, -5.2182



99.5540, 36.2089, -87.3089



26.3760, 9.6746, -23.1318

Previews

White Background



This preview shows how the YUV color 142.3060, -27.2659, 65.5066 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 142.3060, -27.2659, 65.5066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

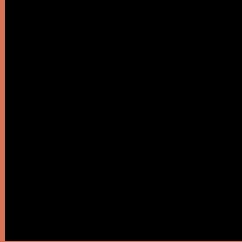
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.3060, -27.2659, 65.5066

Background



This preview shows how black text looks on a background with the YUV color 142.3060, -27.2659, 65.5066.



This preview shows how white text looks on a background with the YUV color 142.3060, -27.2659,

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

142.3060, -27.2659, 65.5066

Protanopia

142.3440, -21.8616, 11.9763

Deuteranopia

142.2060, -29.1886, 28.7603



Tritanopia

144.2040, -12.4256, 65.5961

Trichromacy



Original Color

142.3060, -27.2659, 65.5066

Protanomaly

142.0090, -23.6684, 31.5641

Deuteranomaly

142.1090, -28.6477, 42.0004

Tritanomaly

143.1240, -17.8091, 65.6663

Monochromacy



Original Color

142.3060, -27.2659, 65.5066

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.9230, -9.8220, 23.7465

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.3060, -27.2659, 65.5066 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(217, 115, 87)` looks like.

```
.text, #text, p{  
    color:rgb(217, 115, 87)  
}
```

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(217, 115, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 115, 87) }
```

Border

The CSS property to change the border of an element to YUV 142.3060, -27.2659, 65.5066 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(217, 115, 87) }
```


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

```
.border{ border-color:rgb(217, 115, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 115, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 115, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 115, 87);  
box-shadow:4px 4px 4px 4px rgb(217, 115,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 142.3060, -27.2659, 65.5066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 115, 87) }
```

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

```
.background{ background-color: rgb(217,  
115, 87) }
```

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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