

Converting Colors

YUV(142.4950, -27.3590,
48.6779)

Have a look what the booklet for
YUV(142.4950, -27.3590, 48.6779)
contains.

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Color

**YUV(142.4950, -27.3590,
48.6779)**

Conversions

Conversions Part 1

Format	Color
Hex	C67D57
RGB	198, 125, 87
RGB Percent	78%, 49%, 34%
CMY	0.2235, 0.5098, 0.6588
CMYK	0.00, 0.37, 0.56, 0.22
HSL	21°, 49%, 56%
HSV	21°, 56%, 78%
XYZ	32.3426, 27.3611, 12.5934
YIQ	142.4950, 55.7060, 3.6580

Conversions

Conversions Part 2

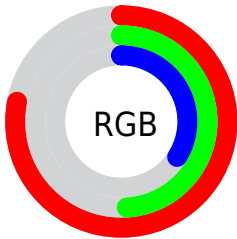
Format	Color
R_{YB}	198, 145, 87
Decimal	13008215
CIE Lab	59.31, 24.47, 32.40
CIE LCh	59, 40.600, 52.931
Yxy	27.3611, 0.4474, 0.3785
Android (android.graphics.Color)	4291198295 (0xFFC67D57)
YUV	142.4950, -27.3590, 48.6779
Hunter-Lab	52.3079, 18.8301, 22.3411

Details

The YUV color **142.4950, -27.3590, 48.6779** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **142.5050, 27.3590, -48.6779**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3490, -29.2591, 51.4369**, and **90.4450, -24.8694, 43.4597** is the 20% darker color. If you saturate the color by 10%, you get **132.5840, -32.3329, 57.3698**, and if you desaturate by 10%, it is **152.4060, -22.3852, 39.9859**.

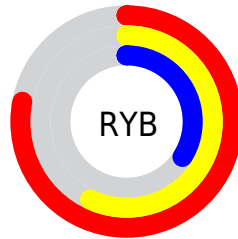
Distribution



Red (78%)

Green (49%)

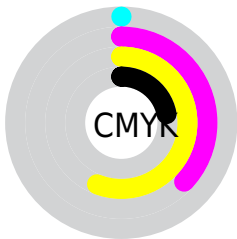
Blue (34%)



Red (78%)

Yellow (57%)

Blue (34%)

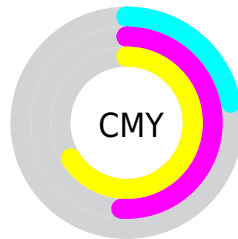


Cyan (0%)

Magenta (37%)

Yellow (56%)

Black (22%)



Cyan (22%)

Magenta (51%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.4950, -27.3590, 48.6779 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 142.4950, -27.3590, 48.6779 by changing the saturation by 10% instead.

■ 142.4950,
-27.3590, 48.6779

■ 142.4950,
-27.3590, 48.6779

■ 255.0000, 0.0000,
0.0000

■ 116.4130,
-26.3326, 46.1188

■ 196.3490,
-29.2591, 51.4369

■ 90.4450, -24.8694,
43.4597

■ 215.8630,
-25.5685, 34.3231

■ 66.0640, -23.6956,
40.2859

■ 235.3770,
-21.8779, 17.2094

■ 42.7370, -21.0693,
37.9417

■ 250.8960,
-15.7247, 3.5992

■ 20.8640, -10.2860,
32.5683

■ 254.2020, -3.0576,
0.6998

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,

0.0000

■ 142.4950,
-27.3590, 48.6779

■ 142.4950,
-27.3590, 48.6779

■ 132.5840,
-32.3329, 57.3698

■ 152.4060,
-22.3852, 39.9859

■ 122.6730,
-37.3068, 66.0618

■ 162.3170,
-17.4113, 31.2940

■ 112.8760,
-41.8439, 74.6537

■ 172.1140,
-12.8742, 22.7020

■ 102.9650,
-46.8177, 83.3457

■ 182.0250, -7.9003,
14.0101

■ 99.1180, -48.8652,
86.7195

■ 191.9360, -2.9264,
5.3181

■ 201.8470, 2.0474,
-3.3738

■ 211.7580, 7.0213,
-12.0658

■ 221.5550, 11.5584,
-20.6577

■ 230.3260, 12.1643,
-28.3499

Harmonies

Analogous

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



143.6330, -13.1301, 58.2039



142.4950, -27.3590, 48.6779



140.5280, -34.2773, 27.6009

Triad

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



142.4950, -27.3590, 48.6779



118.9380, 6.9326, -77.1216



143.8980, 31.6023, -9.5575

Complementary

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



142.4950, -27.3590, 48.6779



142.5050, 27.3590, -48.6779

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.



130.5820, 40.6321, -59.2694



142.4950, -27.3590, 48.6779



113.7730, 27.2269, -99.7789

Square

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



142.4950, -27.3590, 48.6779



131.7360, -16.6318, -32.2175



114.8450, 41.4884, -100.7191



146.9260, 19.2635, 28.1289

Rectangle

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



142.4950, -27.3590, 48.6779



138.6460, -33.3495, 9.9575



114.8450, 41.4884, -100.7191



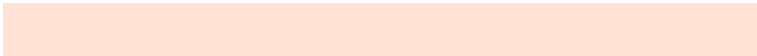
140.7220, 35.1401, -24.3122

Sweetspot

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



142.4950, -27.3590, 48.6779



233.0750, -10.3900, 19.2282



128.6250, 15.9609, 60.8419



115.0570, -6.4371, 11.3510



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.



142.4950, -27.3590, 48.6779



169.7620, -42.2807, 74.7537



174.7800, -43.2755, 20.3639



94.4520, -2.1948, 3.9886



81.6090, -40.2332, 71.3799



17.8080, -8.7793, 15.9544

Inverse Universe

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



142.5050, 27.3590, -48.6779



169.8250, 41.9913, -75.2685



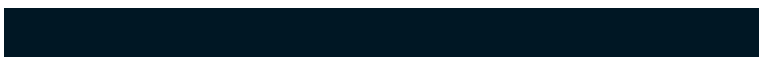
110.8070, 42.9861, -20.8787



94.5480, 2.1948, -3.9886



81.3910, 40.2332, -71.3799



17.6050, 9.0687, -15.4396

Previews

White Background



This preview shows how the YUV color 142.4950, -27.3590, 48.6779 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 142.4950, -27.3590, 48.6779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

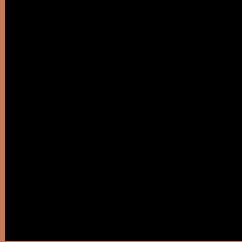
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.4950, -27.3590, 48.6779

Background



This preview shows how black text looks on a background with the YUV color 142.4950, -27.3590, 48.6779.



This preview shows how white text looks on a background with the YUV color 142.4950, -27.3590,

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

142.4950, -27.3590, 48.6779

Protanopia

141.3010, -23.3194, 12.8910

Deuteranopia

142.1350, -28.1676, 27.9456



Tritanopia

145.2450, -8.0088, 48.8971

Trichromacy



Original Color

142.4950, -27.3590, 48.6779

Protanomaly

141.3350, -24.8152, 26.0162

Deuteranomaly

142.5920, -27.8999, 35.4378

Tritanomaly

144.4100, -14.9921, 48.7524

Monochromacy



Original Color

142.4950, -27.3590, 48.6779

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1780, -9.9478, 17.3839

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.4950, -27.3590, 48.6779 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(198, 125, 87)` looks like.

```
.text, #text, p{  
    color:rgb(198, 125, 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(198, 125, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 125, 87) }
```

Border

The CSS property to change the border of an element to YUV 142.4950, -27.3590, 48.6779 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(198, 125, 87) }
```


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

```
.border{ border-color:rgb(198, 125, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 125, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 125, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 125, 87);  
box-shadow:4px 4px 4px 4px rgb(198, 125,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 142.4950, -27.3590, 48.6779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 125, 87) }
```

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

```
.background{ background-color: rgb(198,  
125, 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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