

Converting Colors

YUV(149.8510, -57.6075,
43.9807)

Have a look what the booklet for
YUV(149.8510, -57.6075, 43.9807)
contains.

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Color

**YUV(149.8510, -57.6075,
43.9807)**

Conversions

Conversions Part 1

Format	Color
Hex	C89321
RGB	200, 147, 33
RGB Percent	78%, 58%, 13%
CMY	0.2157, 0.4235, 0.8706
CMYK	0.00, 0.27, 0.83, 0.22
HSL	41°, 72%, 46%
HSV	41°, 84%, 78%
XYZ	34.5276, 33.2566, 6.0382
YIQ	149.8510, 68.1820, -24.2180

Conversions

Conversions Part 2

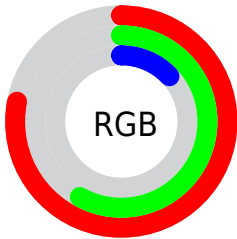
Format	Color
RYB	111, 200, 33
Decimal	13144865
CIELab	64.37, 10.35, 62.30
CIELCh	64, 63.151, 80.569
Yxy	33.2566, 0.4677, 0.4505
Android (android.graphics.Color)	4291334945 (0xFFC89321)
YUV	149.8510, -57.6075, 43.9807
Hunter-Lab	57.6685, 5.9526, 34.1600

Details

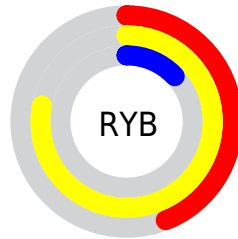
The YUV color **149.8510, -57.6075, 43.9807** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **83.1490, 57.6075, -43.9807**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3780, -56.8814, 44.3955**, and **99.0980, -48.8553, 36.7481** is the 20% darker color. If you saturate the color by 10%, you get **144.0490, -64.6072, 49.0690**, and if you desaturate by 10%, it is **155.6530, -50.6079, 38.8923**.

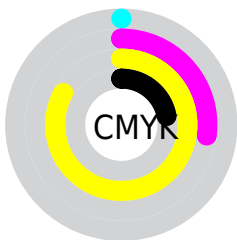
Distribution



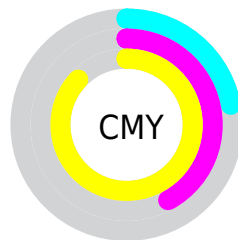
- Red (78%)
- Green (58%)
- Blue (13%)



- Red (44%)
- Yellow (78%)
- Blue (13%)



- Cyan (0%)
- Magenta (27%)
- Yellow (83%)
- Black (22%)



- Cyan (22%)
- Magenta (42%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8510, -57.6075, 43.9807 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 149.8510, -57.6075, 43.9807 by changing the saturation by 10% instead.

■ 149.8510,
-57.6075, 43.9807

■ 149.8510,
-57.6075, 43.9807

■ 255.0000, 0.0000,
0.0000

■ 121.8570,
-60.0755, 42.2214

■ 204.3780,
-56.8814, 44.3955

■ 99.0980, -48.8553,
36.7481

■ 223.8920,
-53.1908, 27.2817

■ 76.6380, -37.7825,
31.8895

■ 242.2320,
-48.9214, 11.1975

■ 55.0530, -27.1411,
25.3865

■ 245.4240,
-36.6910, 8.3982

■ 34.9520, -17.2313,
20.2131

■ 248.6160,
-24.4607, 5.5988

■ 14.2750, -7.0376,
17.2988

■ 251.9220,

■ 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 149.8510,
-57.6075, 43.9807

■ 149.8510,
-57.6075, 43.9807

■ 144.0490,
-64.6072, 49.0690

■ 155.6530,
-50.6079, 38.8923

■ 140.2190,
-69.1280, 52.4279

■ 162.0420,
-43.8977, 33.2892

■ 167.8440,
-36.8981, 28.2008

■ 173.6460,
-29.8985, 23.1125

■ 180.0350,
-23.1883, 17.5093

■ 185.8370,
-16.1886, 12.4210

■ 191.6390, -9.1890,
7.3326

■ 198.0280, -2.4788,
1.7294

■ 203.8300, 4.5208,
-3.3589

Harmonies

Analogous

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



152.2290, -40.5389, 76.0982



149.8510, -57.6075, 43.9807



145.3250, -53.4042, 2.3460

Triad

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



149.8510, -57.6075, 43.9807



129.5370, 31.7803, -113.6039



160.6730, 33.1922, 40.6288

Complementary

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



149.8510, -57.6075, 43.9807



83.1490, 57.6075, -43.9807

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.



153.3100, 50.1332, -26.5819



149.8510, -57.6075, 43.9807



132.6610, 53.9041, -116.3437

Square

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



149.8510, -57.6075, 43.9807



122.3380, 6.7354, -107.2904



127.6860, 62.7658, -111.9806



155.5630, 10.0754, 81.9442

Rectangle

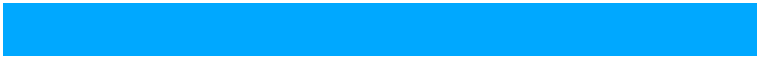
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



149.8510, -57.6075, 43.9807



139.9430, -37.4399, -31.5220



127.6860, 62.7658, -111.9806



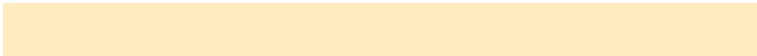
160.0880, 40.3826, 20.9708

Sweetspot

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



149.8510, -57.6075, 43.9807



235.9640, -22.1673, 16.6946



89.3170, -0.1563, 97.0690



115.9230, -13.2730, 10.5915



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.



149.8510, -57.6075, 43.9807



178.3830, -87.9428, 67.1931



172.5900, -68.8179, -0.5174



96.2130, -3.0630, 2.4442



113.8940, -56.1497, 43.0660



24.8520, -12.2520, 9.7768

Inverse Universe

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



83.1490, 57.6075, -43.9807



76.6170, 87.9428, -67.1931



60.4100, 68.8179, 0.5174



92.7870, 3.0630, -2.4442



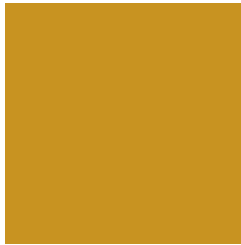
49.1060, 56.1497, -43.0660



10.5610, 12.5414, -9.2620

Previews

White Background



This preview shows how the YUV color 149.8510, -57.6075, 43.9807 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 149.8510, -57.6075, 43.9807 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 ✓ Pass

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

YUV 149.8510, -57.6075, 43.9807

Background



This preview shows how black text looks on a background with the YUV color 149.8510, -57.6075, 43.9807.



This preview shows how white text looks on a background with the YUV color 149.8510, -57.6075, 43.9807.

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

149.8510, -57.6075, 43.9807

Protanopia

148.8870, -55.6533, 23.7781

Deuteranopia

149.4270, -57.8915, 41.7215



Tritanopia

159.0700, -5.9505, 42.0346

Trichromacy



Original Color

149.8510, -57.6075, 43.9807

Protanomaly

149.1160, -56.2592, 31.4703

Deuteranomaly

149.7260, -58.0389, 42.3363

Tritanomaly

155.8470, -24.5746, 42.2302

Monochromacy



Original Color

149.8510, -57.6075, 43.9807

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8930, -21.1462, 15.8798

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8510, -57.6075, 43.9807 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(200, 147, 33)` looks like.

```
.text, #text, p{  
    color:rgb(200, 147, 33)  
}
```

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(200, 147, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 147, 33) }
```

Border

The CSS property to change the border of an element to YUV 149.8510, -57.6075, 43.9807 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(200, 147, 33) }
```


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

```
.border{ border-color:rgb(200, 147, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 147, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 147, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 147, 33);  
box-shadow:4px 4px 4px 4px rgb(200, 147,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 149.8510, -57.6075, 43.9807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 147, 33) }
```

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

```
.background{ background-color: rgb(200,  
147, 33) }
```

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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