

Converting Colors

YUV(164.8770, -57.1274,
29.9259)

Have a look what the booklet for
YUV(164.8770, -57.1274, 29.9259)
contains.

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Color

**YUV(164.8770, -57.1274,
29.9259)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AA31
RGB	199, 170, 49
RGB Percent	78%, 67%, 19%
CMY	0.2196, 0.3333, 0.8078
CMYK	0.00, 0.15, 0.75, 0.22
HSL	48°, 60%, 49%
HSV	48°, 75%, 78%
XYZ	38.4823, 41.1133, 8.8132
YIQ	164.8770, 56.1250, -31.4830

Conversions

Conversions Part 2

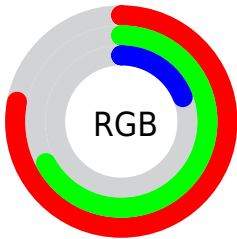
Format	Color
R_{YB}	85, 199, 49
Decimal	13085233
CIE _{Lab}	70.26, -1.90, 62.20
CIE _{LCh}	70, 62.231, 91.746
Yxy	41.1133, 0.4353, 0.4650
Android (android.graphics.Color)	4291275313 (0xFFC7AA31)
YUV	164.8770, -57.1274, 29.9259
Hunter-Lab	64.1197, -5.0802, 36.7344

Details

The YUV color **164.8770, -57.1274, 29.9259** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **83.1230, 57.1274, -29.9259**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1760, -57.2748, 30.5406**, and **111.4250, -54.9325, 25.9373** is the 20% darker color. If you saturate the color by 10%, you get **160.2490, -64.7058, 33.9846**, and if you desaturate by 10%, it is **169.5050, -49.5490, 25.8671**.

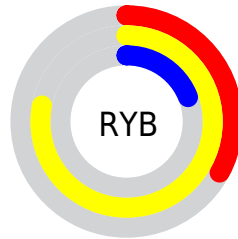
Distribution



Red (78%)

Green (67%)

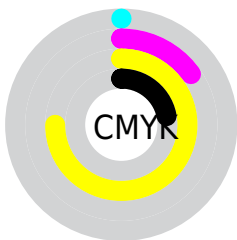
Blue (19%)



Red (33%)

Yellow (78%)

Blue (19%)

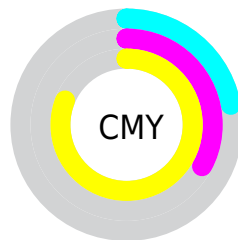


Cyan (0%)

Magenta (15%)

Yellow (75%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8770, -57.1274, 29.9259 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 164.8770, -57.1274, 29.9259 by changing the saturation by 10% instead.

■ 164.8770,
-57.1274, 29.9259

■ 164.8770,
-57.1274, 29.9259

■ 255.0000, 0.0000,
0.0000

■ 137.0680,
-60.1795, 28.8814

■ 220.1760,
-57.2748, 30.5406

■ 111.4250,
-54.9325, 25.9373

■ 239.6900,
-53.5842, 13.4269

■ 88.9650, -43.8597,
21.0787

■ 244.0560,
-41.9326, 9.5979

■ 67.3910, -33.2238,
16.3201

■ 247.2480,
-29.7023, 6.7985

■ 46.4040, -22.8772,
11.0467

■ 250.4400,
-17.4719, 3.9991

■ 26.6020, -13.1148,
6.4880

■ 253.8600, -4.3680,

■ 1.1740, -0.5788,

0.9998

-1.0296

■ 0.0000, 0.0000,
0.0000

■ 164.8770,
-57.1274, 29.9259

■ 164.8770,
-57.1274, 29.9259

■ 160.2490,
-64.7058, 33.9846

■ 169.5050,
-49.5490, 25.8671

■ 155.6210,
-72.2842, 38.0434

■ 174.1330,
-41.9706, 21.8084

■ 154.0080,
-75.9259, 39.4580

■ 178.7610,
-34.3922, 17.7496

■ 182.8020,
-26.5244, 14.2056

■ 187.3160,
-19.3828, 10.2469

■ 191.9440,
-11.8044, 6.1881

■ 196.5720, -4.2260,
2.1294

■ 201.2000, 3.3524,
-1.9294

■ 205.8280, 10.9308,
-5.9882

Harmonies

Analogous

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



168.5130, -48.0739, 66.2021



164.8770, -57.1274, 29.9259



159.5060, -44.6195, -15.3528

Triad

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



164.8770, -57.1274, 29.9259



142.4460, 43.1641, -124.9251



175.9050, 24.6968, 58.8423

Complementary

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



164.8770, -57.1274, 29.9259



83.1230, 57.1274, -29.9259

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.



173.2770, 40.2894, 4.1421



164.8770, -57.1274, 29.9259



141.1870, 56.1098, -123.8210

Square

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



164.8770, -57.1274, 29.9259



136.5350, 17.9772, -119.7412



143.4340, 55.0020, -95.0966



166.1790, 2.3768, 77.8960

Rectangle

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



164.8770, -57.1274, 29.9259



151.9710, -26.6077, -52.5946



143.4340, 55.0020, -95.0966



176.5700, 32.7500, 42.4731

Sweetspot

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



164.8770, -57.1274, 29.9259



241.8170, -22.5878, 11.5615



97.2700, -9.0071, 89.2172



119.7870, -13.6990, 7.2028



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.



164.8770, -57.1274, 29.9259



202.9520, -87.7303, 45.6461



168.4450, -58.8864, -12.6683



97.3870, -3.6418, 1.4146



126.2210, -62.2270, 32.2552



27.7870, -13.6990, 7.2028

Inverse Universe

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



83.1230, 57.1274, -29.9259



77.6350, 87.4409, -46.1609



79.5550, 58.8864, 12.6683



91.6130, 3.6418, -1.4146



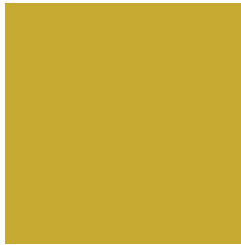
37.3660, 61.9376, -32.7700



8.2130, 13.6990, -7.2028

Previews

White Background



This preview shows how the YUV color 164.8770, -57.1274, 29.9259 looks on a white background.

Color Contrast Check

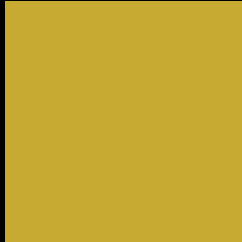
Large Text (above 18pt) WCAG AA × Fail

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 164.8770, -57.1274, 29.9259 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 164.8770, -57.1274, 29.9259

Background



This preview shows how black text looks on a background with the YUV color 164.8770, -57.1274, 29.9259.

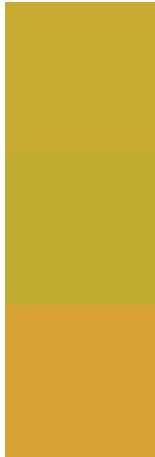


This preview shows how white text looks on a background with the YUV color 164.8770, -57.1274, 29.9259.

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

164.8770, -57.1274, 29.9259

Protanopia

164.3710, -56.3849, 25.1076

Deuteranopia

166.1930, -56.2971, 43.6807



Tritanopia

175.0190, -1.9814, 28.9243

Trichromacy



Original Color

164.8770, -57.1274, 29.9259

Protanomaly

164.3820, -56.3903, 26.8520

Deuteranomaly

166.0460, -56.7177, 38.5477

Tritanomaly

171.4540, -21.9158, 29.4198

Monochromacy



Original Color

164.8770, -57.1274, 29.9259

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9740, -20.6932, 10.5468

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8770, -57.1274, 29.9259 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(199, 170, 49)` looks like.

```
.text, #text, p{  
    color:rgb(199, 170, 49)  
}
```

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(199, 170, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 170, 49) }
```

Border

The CSS property to change the border of an element to YUV 164.8770, -57.1274, 29.9259 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(199, 170, 49) }
```


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

```
.border{ border-color:rgb(199, 170, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 170, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 170, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 170, 49);  
box-shadow:4px 4px 4px 4px rgb(199, 170,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 164.8770, -57.1274, 29.9259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 170, 49) }
```

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

```
.background{ background-color: rgb(199,  
170, 49) }
```

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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