

Converting Colors

YUV(147.8230, -58.5797,
29.0962)

Have a look what the booklet for
YUV(147.8230, -58.5797, 29.0962)
contains.

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Color

**YUV(147.8230, -58.5797,
29.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	B59A1D
RGB	181, 154, 29
RGB Percent	71%, 60%, 11%
CMY	0.2902, 0.3961, 0.8863
CMYK	0.00, 0.15, 0.84, 0.29
HSL	49°, 72%, 41%
HSV	49°, 84%, 71%
XYZ	30.8334, 33.0237, 5.9115
YIQ	147.8230, 56.2170, -33.1510

Conversions

Conversions Part 2

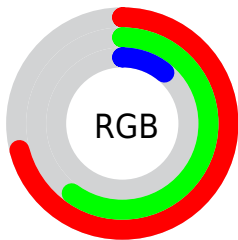
Format	Color
R_{YB}	62, 181, 29
Decimal	11901469
CIE _{Lab}	64.18, -2.05, 62.51
CIE _{LCh}	64, 62.544, 91.876
Yxy	33.0237, 0.4419, 0.4733
Android (android.graphics.Color)	4290091549 (0xFFB59A1D)
YUV	147.8230, -58.5797, 29.0962
Hunter-Lab	57.4662, -4.7919, 34.1272

Details

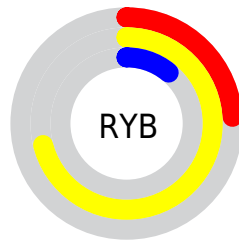
The YUV color **147.8230, -58.5797, 29.0962** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **62.1770, 58.5797, -29.0962**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7740, -57.5696, 31.7702**, and **97.5370, -48.0857, 23.2081** is the 20% darker color. If you saturate the color by 10%, you get **144.0100, -65.5739, 32.4402**, and if you desaturate by 10%, it is **151.6360, -51.5855, 25.7522**.

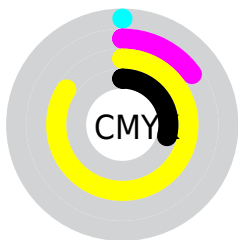
Distribution



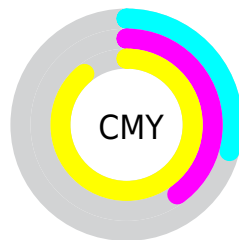
- Red (71%)
- Green (60%)
- Blue (11%)



- Red (24%)
- Yellow (71%)
- Blue (11%)



- Cyan (0%)
- Magenta (15%)
- Yellow (84%)
- Black (29%)



- Cyan (29%)
- Magenta (40%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.8230, -58.5797, 29.0962 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 147.8230, -58.5797, 29.0962 by changing the saturation by 10% instead.

■ 147.8230,
-58.5797, 29.0962

■ 147.8230,
-58.5797, 29.0962

■ 255.0000, 0.0000,
0.0000

■ 120.5840,
-59.4479, 27.5518

■ 203.7740,
-57.5696, 31.7702

■ 97.5370, -48.0857,
23.2081

■ 227.7730,
-56.0901, 23.8781

■ 75.6640, -37.3024,
17.8347

■ 242.0040,
-49.7950, 11.3975

■ 54.0900, -26.6664,
13.0761

■ 245.1960,
-37.5646, 8.5981

■ 33.9890, -16.7566,
7.9026

■ 248.3880,
-25.3343, 5.7987

■ 13.8880, -6.8468,
2.7292

■ 251.6940,

■ 0.0000, 0.0000,

-12.6671, 2.8994

0.0000

■ 147.8230,
-58.5797, 29.0962

■ 147.8230,
-58.5797, 29.0962

■ 144.0100,
-65.5739, 32.4402

■ 151.6360,
-51.5855, 25.7522

■ 141.5820,
-69.7999, 34.5696

■ 155.4490,
-44.5914, 22.4082

■ 159.8490,
-37.8866, 18.5494

■ 163.6620,
-30.8924, 15.2054

■ 167.4750,
-23.8982, 11.8614

■ 171.4020,
-16.4672, 8.4174

■ 175.8020, -9.7624,
4.5586

■ 179.6150, -2.7682,
1.2146

■ 183.4280, 4.2260,
-2.1294

Harmonies

Analogous

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



151.5020, -48.0685, 64.4577



147.8230, -58.5797, 29.0962



142.2070, -44.4721, -15.9675

Triad

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



147.8230, -58.5797, 29.0962



130.5290, 40.6582, -114.4739



158.9050, 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.



147.8230, -58.5797, 29.0962



62.1770, 58.5797, -29.0962

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.



158.3460, 45.6784, 2.3276



147.8230, -58.5797, 29.0962



131.6810, 60.3033, -115.4842

Square

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



147.8230, -58.5797, 29.0962



124.7320, 15.9081, -109.3900



123.5770, 64.7915, -108.3770



153.6750, 0.1602, 88.8620

Rectangle

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



147.8230, -58.5797, 29.0962



134.6010, -25.4393, -54.0241



123.5770, 64.7915, -108.3770



160.0430, 32.0238, 42.0583

Sweetspot

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



147.8230, -58.5797, 29.0962



221.8170, -22.5878, 11.5615



77.6400, -10.1755, 90.6467



109.4880, -13.5516, 6.5880



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



147.8230, -58.5797, 29.0962



183.5560, -90.4931, 45.1164



149.3200, -59.3178, -14.3126



87.3870, -3.6418, 1.4146



119.7090, -59.0165, 29.1962



20.1010, -9.9098, 5.1734

Inverse Universe

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



62.1770, 58.5797, -29.0962



51.4440, 90.4931, -45.1164



60.6800, 59.3178, 14.3126



82.2000, 3.3524, -1.9294



33.2910, 59.0165, -29.1962



5.8990, 9.9098, -5.1734

Previews

White Background



This preview shows how the YUV color 147.8230, -58.5797, 29.0962 looks on a white background.

Color Contrast Check

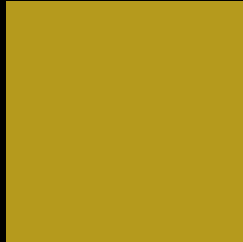
Large Text (above 18pt) WCAG AA × Fail

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 147.8230, -58.5797, 29.0962 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 147.8230, -58.5797, 29.0962

Background



This preview shows how black text looks on a background with the YUV color 147.8230, -58.5797, 29.0962.

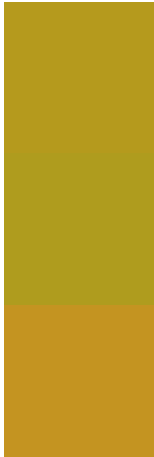


This preview shows how white text looks on a background with the YUV color 147.8230, -58.5797, 29.0962.

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

147.8230, -58.5797, 29.0962

Protanopia

147.3170, -57.8373, 24.2780

Deuteranopia

149.2420, -57.3073, 41.0068



Tritanopia

158.0080, -1.9759, 27.1800

Trichromacy



Original Color

147.8230, -58.5797, 29.0962

Protanomaly

147.3280, -57.8427, 26.0223

Deuteranomaly

148.8070, -57.5859, 37.0033

Tritanomaly

154.3290, -22.3472, 27.7755

Monochromacy



Original Color

147.8230, -58.5797, 29.0962

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.8600, -21.1300, 10.6468

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.8230, -58.5797, 29.0962 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(181, 154, 29)` looks like.

```
.text, #text, p{  
    color:rgb(181, 154, 29)  
}
```

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(181, 154, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 154, 29) }
```

Border

The CSS property to change the border of an element to YUV 147.8230, -58.5797, 29.0962 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(181, 154, 29) }
```


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

```
.border{ border-color:rgb(181, 154, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 154, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 154, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 154, 29);  
box-shadow:4px 4px 4px 4px rgb(181, 154,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 147.8230, -58.5797, 29.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 154, 29) }
```

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

```
.background{ background-color: rgb(181,  
154, 29) }
```

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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