

Converting Colors

YUV(168.9170, -64.5421,
28.1368)

Have a look what the booklet for
YUV(168.9170, -64.5421, 28.1368)
contains.

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Color

**YUV(168.9170, -64.5421,
28.1368)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C9B226 |
| RGB | 201, 178, 38 |
| RGB Percent | 79%, 70%, 15% |
| CMY | 0.2118, 0.3020, 0.8510 |
| CMYK | 0.00, 0.11, 0.81, 0.21 |
| HSL | 52°, 68%, 47% |
| HSV | 52°, 81%, 79% |
| XYZ | 40.3576, 44.3982, 8.2764 |
| YIQ | 168.9170, 58.6480, -38.6640 |

Conversions

Conversions Part 2

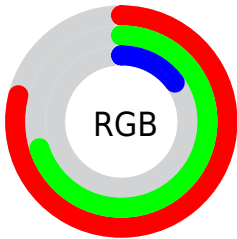
| Format | Color |
|-------------------------------------|--|
| RYB | 65, 201, 38 |
| Decimal | 13218342 |
| CIELab | 72.49, -5.63, 67.85 |
| CIELCh | 72, 68.088, 94.744 |
| Yxy | 44.3982, 0.4338, 0.4772 |
| Android (android.graphics.Color) | 4291408422 (0xFFC9B226) |
| YUV | 168.9170, -64.5421, 28.1368 |
| Hunter-Lab | 66.6320, -8.4922, 39.2780 |

Details

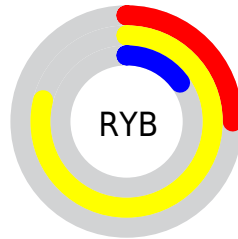
The YUV color **168.9170, -64.5421, 28.1368** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **70.0830, 64.5421, -28.1368**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.0740, -62.6475, 27.1221**, and **116.7190, -57.5425, 23.0484** is the 20% darker color. If you saturate the color by 10%, you get **164.8760, -72.4099, 31.6807**, and if you desaturate by 10%, it is **172.9580, -56.6743, 24.5928**.

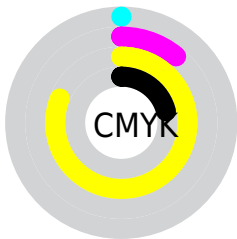
Distribution



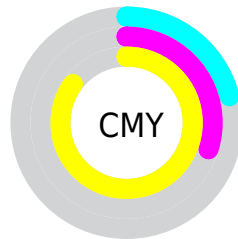
- Red (79%)
- Green (70%)
- Blue (15%)



- Red (25%)
- Yellow (79%)
- Blue (15%)



- Cyan (0%)
- Magenta (11%)
- Yellow (81%)
- Black (21%)



- Cyan (21%)
- Magenta (30%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.9170, -64.5421, 28.1368 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 168.9170, -64.5421, 28.1368 by changing the saturation by 10% instead.

■ 168.9170,
-64.5421, 28.1368

■ 168.9170,
-64.5421, 28.1368

■ 255.0000, 0.0000,
0.0000

■ 140.0650,
-69.0520, 28.0070

■ 224.0740,
-62.6475, 27.1221

■ 116.7190,
-57.5425, 23.0484

■ 240.0660,
-57.2205, 13.0971

■ 93.6720, -46.1803,
18.7047

■ 243.2580,
-44.9902, 10.2977

■ 71.2120, -35.1075,
13.8461

■ 246.4500,
-32.7599, 7.4983

■ 50.2250, -24.7609,
8.5727

■ 249.7560,
-20.0927, 4.5990

■ 30.4230, -14.9985,
4.0140

■ 253.0620, -7.4256,

■ 7.6310, -3.7621,

1.6996

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 168.9170,
-64.5421, 28.1368

■ 168.9170,
-64.5421, 28.1368

■ 164.8760,
-72.4099, 31.6807

■ 172.9580,
-56.6743, 24.5928

■ 161.6500,
-79.6934, 34.5100

■ 176.9990,
-48.8065, 21.0489

■ 181.0400,
-40.9387, 17.5049

■ 184.4940,
-32.7815, 14.4758

■ 188.6490,
-24.4770, 10.8318

■ 192.6900,
-16.6092, 7.2879

■ 196.7310, -8.7414,
3.7439

■ 200.7720, -0.8736,
0.2000

■ 204.8130, 6.9942,
-3.3440

Harmonies

Analogous

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



173.2870, -55.3575, 69.0313



168.9170, -64.5421, 28.1368



162.1800, -46.9237, -22.9599

Triad

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



168.9170, -64.5421, 28.1368



149.0800, 48.2746, -130.7432



179.5900, 25.8381, 66.1346

Complementary

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



168.9170, -64.5421, 28.1368



70.0830, 64.5421, -28.1368

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.



178.9360, 37.4996, 12.3341



168.9170, -64.5421, 28.1368



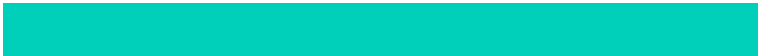
145.2960, 54.0841, -127.4246

Square

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



168.9170, -64.5421, 28.1368



143.3000, 21.0511, -125.6741



147.2660, 53.1129, -95.8263



164.8910, 2.5187, 79.0256

Rectangle

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



168.9170, -64.5421, 28.1368



152.3390, -24.8171, -66.9493



147.2660, 53.1129, -95.8263



182.8640, 33.5910, 52.7393

Sweetspot

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



168.9170, -64.5421, 28.1368



242.7630, -24.0402, 10.7318



89.4730, -13.5442, 97.8092



120.2600, -14.4252, 6.7880



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.



168.9170, -64.5421, 28.1368



206.2970, -97.7604, 42.7125



165.3750, -62.7959, -18.7459



97.3870, -3.6418, 1.4146



130.9170, -64.5421, 28.1368



28.9610, -14.2778, 6.1732

Inverse Universe

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



70.0830, 64.5421, -28.1368



56.7030, 97.7604, -42.7125



73.6250, 62.7959, 18.7459



91.6130, 3.6418, -1.4146



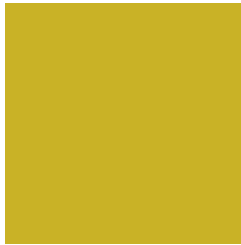
32.0830, 64.5421, -28.1368



7.0390, 14.2778, -6.1732

Previews

White Background



This preview shows how the YUV color 168.9170, -64.5421, 28.1368 looks on a white background.

Color Contrast Check

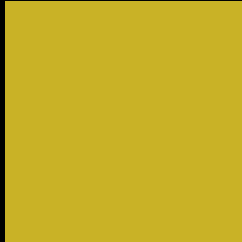
Large Text (above 18pt) WCAG AA × Fail

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 168.9170, -64.5421, 28.1368 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 168.9170, -64.5421, 28.1368 Background



This preview shows how black text looks on a background with the YUV color 168.9170, -64.5421, 28.1368.



This preview shows how white text looks on a background with the YUV color 168.9170, -64.5421, 28.1368.

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

168.9170, -64.5421, 28.1368

Protanopia

168.6180, -64.3947, 27.5220

Deuteranopia

171.0810, -63.1439, 46.4100



Tritanopia

180.9370, -0.9549, 26.3653

Trichromacy



Original Color

168.9170, -64.5421, 28.1368

Protanomaly

168.6180, -64.3947, 27.5220

Deuteranomaly

170.2220, -63.7064, 40.1473

Tritanomaly

176.2750, -23.7996, 26.9458

Monochromacy



Original Color

168.9170, -64.5421, 28.1368

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8770, -23.6034, 10.6319

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9170, -64.5421, 28.1368 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(201, 178, 38)` looks like.

```
.text, #text, p{  
    color:rgb(201, 178, 38)  
}
```

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(201, 178, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 178, 38) }
```

Border

The CSS property to change the border of an element to YUV 168.9170, -64.5421, 28.1368 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(201, 178, 38) }
```


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

```
.border{ border-color:rgb(201, 178, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 178, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 178, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 178, 38);  
box-shadow:4px 4px 4px 4px rgb(201, 178,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 168.9170, -64.5421, 28.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 178, 38) }
```

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

```
.background{ background-color: rgb(201,  
178, 38) }
```

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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