

Converting Colors

YUV(173.9170, -64.5421,
28.1368)

Have a look what the booklet for
YUV(173.9170, -64.5421, 28.1368)
contains.

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Color

**YUV(173.9170, -64.5421,
28.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB72B
RGB	206, 183, 43
RGB Percent	81%, 72%, 17%
CMY	0.1922, 0.2824, 0.8314
CMYK	0.00, 0.11, 0.79, 0.19
HSL	52°, 65%, 49%
HSV	52°, 79%, 81%
XYZ	42.8231, 47.1632, 9.1319
YIQ	173.9170, 58.6480, -38.6640

Conversions

Conversions Part 2

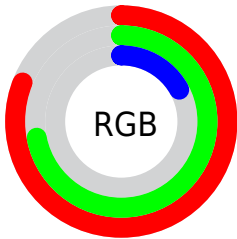
Format	Color
RYB	70, 206, 43
Decimal	13547307
CIELab	74.29, -5.89, 68.13
CIELCh	74, 68.389, 94.940
Yxy	47.1632, 0.4320, 0.4758
Android (android.graphics.Color)	4291737387 (0xFFCEB72B)
YUV	173.9170, -64.5421, 28.1368
Hunter-Lab	68.6755, -8.8770, 40.1889

Details

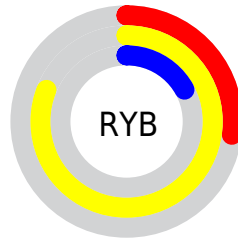
The YUV color **173.9170, -64.5421, 28.1368** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **75.0830, 64.5421, -28.1368**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0520, -62.6366, 23.6334**, and **120.5620, -59.4371, 24.0631** is the 20% darker color. If you saturate the color by 10%, you get **169.7620, -72.8467, 31.7807**, and if you desaturate by 10%, it is **178.0720, -56.2375, 24.4929**.

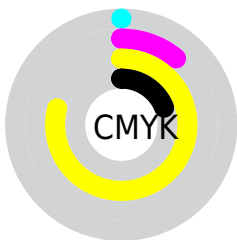
Distribution



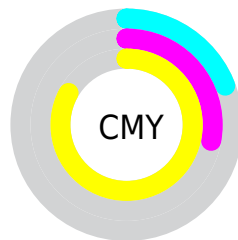
- Red (81%)
- Green (72%)
- Blue (17%)



- Red (27%)
- Yellow (81%)
- Blue (17%)



- Cyan (0%)
- Magenta (11%)
- Yellow (79%)
- Black (19%)



- Cyan (19%)
- Magenta (28%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9170, -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 173.9170, -64.5421, 28.1368 by changing the saturation by 10% instead.

■ 173.9170,
-64.5421, 28.1368

■ 173.9170,
-64.5421, 28.1368

■ 255.0000, 0.0000,
0.0000

■ 144.1960,
-71.0886, 27.8921

■ 228.0520,
-62.6366, 23.6334

■ 120.5620,
-59.4371, 24.0631

■ 240.6360,
-55.0365, 12.5972

■ 97.8030, -48.2169,
18.5898

■ 243.8280,
-42.8062, 9.7978

■ 75.6420, -37.2915,
14.3460

■ 247.0200,
-30.5759, 6.9985

■ 53.7690, -26.5081,
8.9726

■ 250.3260,
-17.9087, 4.0991

■ 33.9670, -16.7457,
4.4139

■ 253.6320, -5.2416,

■ 13.2570, -6.5357,

1.1997

-3.7334

■ 0.0000, 0.0000,
0.0000

■ 173.9170,
-64.5421, 28.1368

■ 173.9170,
-64.5421, 28.1368

■ 169.7620,
-72.8467, 31.7807

■ 178.0720,
-56.2375, 24.4929

■ 165.7210,
-80.7145, 35.3247

■ 182.1130,
-48.3697, 20.9489

■ 165.4930,
-81.5880, 35.5246

■ 186.2680,
-40.0651, 17.3050

■ 190.3090,
-32.1973, 13.7610

■ 194.4640,
-23.8928, 10.1171

■ 198.0320,
-15.2988, 6.9879

■ 202.0730, -7.4310,
3.4440

■ 206.2280, 0.8736,
-0.2000

■ 210.2690, 8.7414,
-3.7439

Harmonies

Analogous

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



177.5750, -55.4995, 67.9017



173.9170, -64.5421, 28.1368



167.1800, -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.



173.9170, -64.5421, 28.1368



152.6990, 49.4484, -133.9170



182.5080, 26.8646, 63.5755

Complementary

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



173.9170, -64.5421, 28.1368



75.0830, 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.



183.3660, 35.3156, 12.8340



173.9170, -64.5421, 28.1368



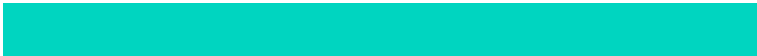
148.2310, 52.6371, -129.9986

Square

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



173.9170, -64.5421, 28.1368



146.9190, 22.2249, -128.8480



153.8000, 49.8916, -89.2786



168.3960, 3.2558, 75.9517

Rectangle

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



173.9170, -64.5421, 28.1368



157.6270, -24.9591, -68.0789



153.8000, 49.8916, -89.2786



187.4620, 33.2962, 53.9688

Sweetspot

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



173.9170, -64.5421, 28.1368



242.7630, -24.0402, 10.7318



94.4730, -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.



173.9170, -64.5421, 28.1368



207.4540, -95.8658, 41.6978



170.3750, -62.7959, -18.7459



100.2730, -4.0786, 1.5146



132.9880, -65.5631, 28.9515



30.7330, -15.1514, 6.3732

Inverse Universe

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



75.0830, 64.5421, -28.1368



60.5460, 95.8658, -41.6978



78.6250, 62.7959, 18.7459



93.7270, 4.0786, -1.5146



32.4250, 65.8525, -28.4367



7.2670, 15.1514, -6.3732

Previews

White Background



This preview shows how the YUV color 173.9170, -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 173.9170, -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 173.9170, -64.5421, 28.1368 Background



This preview shows how black text looks on a background with the YUV color 173.9170, -64.5421, 28.1368.



This preview shows how white text looks on a background with the YUV color 173.9170, -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

173.9170, -64.5421, 28.1368

Protanopia

173.6180, -64.3947, 27.5220

Deuteranopia

175.7930, -63.0019, 47.5395



Tritanopia

185.9370, -0.9549, 26.3653

Trichromacy



Original Color

173.9170, -64.5421, 28.1368

Protanomaly

173.6180, -64.3947, 27.5220

Deuteranomaly

175.2220, -63.7064, 40.1473

Tritanomaly

181.2750, -23.7996, 26.9458

Monochromacy



Original Color

173.9170, -64.5421, 28.1368

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8770, -23.6034, 10.6319

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9170, -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(206, 183, 43)` looks like.

```
.text, #text, p{  
    color:rgb(206, 183, 43)  
}
```

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(206, 183, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 183, 43) }
```

Border

The CSS property to change the border of an element to YUV 173.9170, -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(206, 183, 43) }
```


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

```
.border{ border-color:rgb(206, 183, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 183, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 183, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 183, 43);  
box-shadow:4px 4px 4px 4px rgb(206, 183,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 173.9170, -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(206, 183, 43) }
```

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

```
.background{ background-color: rgb(206,  
183, 43) }
```

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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