

Converting Colors

YUV(173.1360, -29.6470,
35.8377)

Have a look what the booklet for
YUV(173.1360, -29.6470, 35.8377)
contains.

YUV(173.1360, -29.6470, 35.8377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(173.1360, -29.6470,
35.8377)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A471
RGB	214, 164, 113
RGB Percent	84%, 64%, 44%
CMY	0.1608, 0.3569, 0.5569
CMYK	0.00, 0.23, 0.47, 0.16
HSL	30°, 55%, 64%
HSV	30°, 47%, 84%
XYZ	43.9877, 42.0393, 21.4188
YIQ	173.1360, 46.1710, -5.2610

Conversions

Conversions Part 2

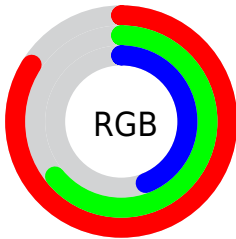
Format	Color
R _Y B	212, 214, 113
Decimal	14066801
CIE Lab	70.90, 12.19, 33.51
CIE LCh	71, 35.657, 70.004
Yxy	42.0393, 0.4094, 0.3913
Android (android.graphics.Color)	4292256881 (0xFFD6A471)
YUV	173.1360, -29.6470, 35.8377
Hunter-Lab	64.8377, 7.6331, 25.8003

Details

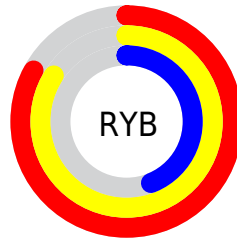
The YUV color **173.1360, -29.6470, 35.8377** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **153.8640, 29.6470, -35.8377**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6080, -28.8937, 27.5308**, and **119.9830, -27.5996, 32.4639** is the 20% darker color. If you saturate the color by 10%, you get **164.2850, -35.6365, 43.6001**, and if you desaturate by 10%, it is **181.9870, -23.6576, 28.0754**.

Distribution



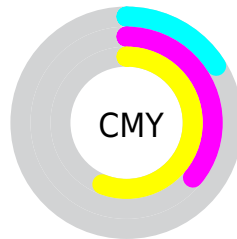
- Red (84%)
- Green (64%)
- Blue (44%)



- Red (83%)
- Yellow (84%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (47%)
- Black (16%)



- Cyan (16%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1360, -29.6470, 35.8377 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 173.1360, -29.6470, 35.8377 by changing the saturation by 10% instead.

■ 173.1360,
-29.6470, 35.8377

■ 173.1360,
-29.6470, 35.8377

255.0000, 0.0000,
0.0000

■ 146.3530,
-28.7680, 33.8934

■ 223.6080,
-28.8937, 27.5308

■ 119.9830,
-27.5996, 32.4639

■ 243.2360,
-24.7663, 10.3170

■ 94.9010, -26.5732,
29.9048

■ 251.1240,
-14.8511, 3.3993

■ 70.1180, -25.6942,
27.9605

■ 254.4300, -2.1840,
0.4999

■ 47.6770, -23.5048,
25.7163

■ 28.1630, -13.8844,
20.0280

■ 8.0730, -3.9800,

16.5990

■ 0.0000, 0.0000,
0.0000

■ 173.1360,
-29.6470, 35.8377

■ 173.1360,
-29.6470, 35.8377

■ 164.2850,
-35.6365, 43.6001

■ 181.9870,
-23.6576, 28.0754

■ 155.9070,
-42.3522, 50.9476

■ 190.3650,
-16.9419, 20.7279

■ 147.0560,
-48.3416, 58.7099

■ 199.2160,
-10.9525, 12.9656

■ 138.6780,
-55.0573, 66.0574

■ 207.5940, -4.2368,
5.6181

■ 129.8270,
-61.0467, 73.8197

■ 216.4450, 1.7526,
-2.1443

■ 127.3820,
-62.7993, 75.9640

■ 225.2960, 7.7421,
-9.9066

■ 232.7620, 10.9633,
-16.4543

■ 239.2190, 7.7800,
-22.1171

■ 242.7410, 6.0437,
-25.2059

Harmonies

Analogous

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



175.2270, -20.8179, 50.6669



173.1360, -29.6470, 35.8377



170.4660, -30.3027, 12.7463

Triad

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



173.1360, -29.6470, 35.8377



153.7240, 14.9261, -74.3029



177.0380, 22.6593, 12.2447

Complementary

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



173.1360, -29.6470, 35.8377



153.8640, 29.6470, -35.8377

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.



171.9240, 32.0825, -23.6123



173.1360, -29.6470, 35.8377



151.1860, 30.9673, -86.1091

Square

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



173.1360, -29.6470, 35.8377



160.6340, -5.2426, -45.2830



161.6050, 35.6907, -61.0436



178.2450, 8.7532, 39.2501

Rectangle

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



173.1360, -29.6470, 35.8377



167.6100, -25.4437, -5.7970



161.6050, 35.6907, -61.0436



175.9980, 26.6230, 0.8788

Sweetspot

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



173.1360, -29.6470, 35.8377



240.3300, -10.5157, 12.8656



148.8990, 6.9518, 57.0936



119.0350, -6.4263, 7.8623



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.



173.1360, -29.6470, 35.8377



196.2060, -42.4996, 51.5623



202.4860, -44.1166, 10.0978



102.8110, -3.3578, 3.6738



101.6110, -50.0942, 60.8542



25.7710, -12.7051, 15.1098

Inverse Universe

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



153.8640, 29.6470, -35.8377



168.7940, 42.4996, -51.5623



124.5140, 44.1166, -10.0978



100.7760, 3.0684, -4.1886



69.3890, 50.0942, -60.8542



17.2290, 12.7051, -15.1098

Previews

White Background



This preview shows how the YUV color 173.1360, -29.6470, 35.8377 looks on a white background.

Color Contrast Check

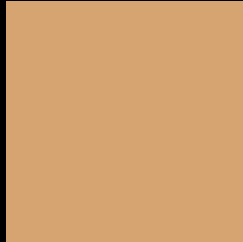
Large Text (above 18pt) WCAG AA × Fail

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 173.1360, -29.6470, 35.8377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

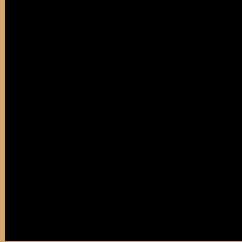
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.1360, -29.6470, 35.8377

Background



This preview shows how black text looks on a background with the YUV color 173.1360, -29.6470, 35.8377.



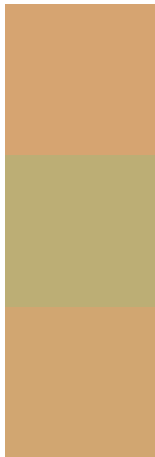
This preview shows how white text looks on a background with the YUV color 173.1360, -29.6470,

35.8377.

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

173.1360, -29.6470, 35.8377

Protanopia

171.6880, -26.9612, 14.3056

Deuteranopia

172.8150, -29.4888, 31.7342



Tritanopia

176.9060, -3.8977, 36.9164

Trichromacy



Original Color

173.1360, -29.6470, 35.8377

Protanomaly

171.9170, -27.5671, 21.9978

Deuteranomaly

172.8260, -29.4942, 33.4786

Tritanomaly

175.7890, -13.2070, 36.1420

Monochromacy



Original Color

173.1360, -29.6470, 35.8377

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.2160, -10.9525, 12.9656

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1360, -29.6470, 35.8377 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(214, 164, 113)` looks like.

```
.text, #text, p{  
    color:rgb(214, 164, 113)  
}
```

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(214, 164, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 164, 113) }
```

Border

The CSS property to change the border of an element to YUV 173.1360, -29.6470, 35.8377 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(214, 164, 113) }
```


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

```
.border{ border-color:rgb(214, 164, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 164, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 164, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 164, 113);  
box-shadow:4px 4px 4px 4px rgb(214, 164,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 173.1360, -29.6470, 35.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 164, 113) }
```

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

```
.background{ background-color: rgb(214,  
164, 113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor