

Converting Colors

YUV(173.0610, -36.0191,
26.2565)

Have a look what the booklet for
YUV(173.0610, -36.0191, 26.2565)
contains.

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Color

**YUV(173.0610, -36.0191,
26.2565)**

Conversions

Conversions Part 1

Format	Color
Hex	CBAC64
RGB	203, 172, 100
RGB Percent	80%, 67%, 39%
CMY	0.2039, 0.3255, 0.6078
CMYK	0.00, 0.15, 0.51, 0.20
HSL	42°, 50%, 59%
HSV	42°, 51%, 80%
XYZ	41.6814, 43.1217, 18.1831
YIQ	173.0610, 41.5880, -15.8200

Conversions

Conversions Part 2

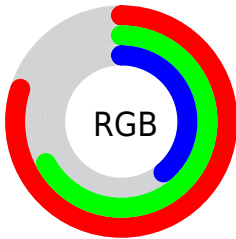
Format	Color
RYB	144, 203, 100
Decimal	13347940
CIELab	71.64, 2.12, 40.96
CIELCh	72, 41.017, 87.031
Yxy	43.1217, 0.4047, 0.4187
Android (android.graphics.Color)	4291538020 (0xFFCBAC64)
YUV	173.0610, -36.0191, 26.2565
Hunter-Lab	65.6671, -1.6167, 29.5497

Details

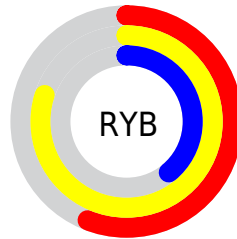
The YUV color $173.0610, -36.0191, 26.2565$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $129.9390, 36.0191, -26.2565$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.8220, -36.8872, 24.7121$, and $120.2070, -34.1191, 23.4975$ is the 20% darker color. If you saturate the color by 10%, you get $167.2590, -43.0187, 31.3449$, and if you desaturate by 10%, it is $178.8630, -29.0195, 21.1681$.

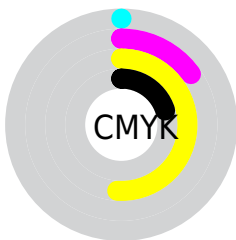
Distribution



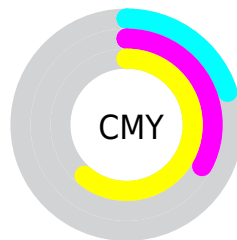
- Red (80%)
- Green (67%)
- Blue (39%)



- Red (56%)
- Yellow (80%)
- Blue (39%)



- Cyan (0%)
- Magenta (15%)
- Yellow (51%)
- Black (20%)



- Cyan (20%)
- Magenta (33%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0610, -36.0191, 26.2565 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 173.0610, -36.0191, 26.2565 by changing the saturation by 10% instead.

■ 173.0610,
-36.0191, 26.2565

■ 173.0610,
-36.0191, 26.2565

255.0000, 0.0000,
0.0000

■ 146.2780,
-35.1401, 24.3122

■ 226.8220,
-36.8872, 24.7121

■ 120.2070,
-34.1191, 23.4975

■ 246.3360,
-33.1966, 7.5983

■ 94.3100, -33.6768,
21.6531

■ 249.5280,
-20.9663, 4.7989

■ 70.0710, -34.5450,
20.1087

■ 252.8340, -8.2992,
1.8996

■ 49.3830, -24.3458,
15.4501

■ 29.5810, -14.5834,
10.8915

■ 6.5340, -3.2213,

6.5477

■ 0.0000, 0.0000,
0.0000

■ 173.0610,
-36.0191, 26.2565

■ 173.0610,
-36.0191, 26.2565

■ 167.2590,
-43.0187, 31.3449

■ 178.8630,
-29.0195, 21.1681

■ 161.3430,
-50.4551, 36.5332

■ 184.7790,
-21.5830, 15.9798

■ 155.5410,
-57.4547, 41.6215

■ 190.5810,
-14.5834, 10.8915

■ 149.7390,
-64.4543, 46.7099

■ 196.3830, -7.5838,
5.8031

■ 144.0510,
-71.0171, 51.6983

■ 202.8860, -0.4368,
0.1000

■ 208.6880, 6.5628,
-4.9884

■ 214.4900, 13.5624,
-10.0767

■ 219.4940, 17.5045,
-14.4652

■ 223.0160, 15.7681,
-17.5540

Harmonies

Analogous

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



175.6970, -30.4166, 49.3777



173.0610, -36.0191, 26.2565



168.9540, -30.5433, -3.4677

Triad

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



173.0610, -36.0191, 26.2565



138.1770, 34.4227, -121.1812



180.6170, 17.9368, 33.6619

Complementary

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



173.0610, -36.0191, 26.2565



129.9390, 36.0191, -26.2565

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.



177.6430, 31.7280, -3.1949



173.0610, -36.0191, 26.2565



146.3220, 44.7043, -105.5224

Square

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



173.0610, -36.0191, 26.2565



153.5790, 8.0956, -76.8068



167.6480, 40.5995, -48.8033



179.2920, 0.8420, 56.7489

Rectangle

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



173.0610, -36.0191, 26.2565



165.6290, -21.0161, -25.9846



167.6480, 40.5995, -48.8033



180.2180, 23.0635, 22.6108

Sweetspot

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



173.0610, -36.0191, 26.2565



243.6240, -13.1256, 9.9768



134.5590, -0.7686, 60.0228



121.2690, -8.0206, 5.9031



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.



173.0610, -36.0191, 26.2565



209.6270, -54.5391, 39.7921



185.5770, -42.1895, -1.3830



99.0990, -3.4998, 2.5442



117.7260, -58.0389, 42.3363



27.2110, -13.4150, 9.4620

Inverse Universe

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



129.9390, 36.0191, -26.2565



144.3730, 54.5391, -39.7921



117.4230, 42.1895, 1.3830



94.9010, 3.4998, -2.5442



48.2740, 58.0389, -42.3363



11.3760, 13.1256, -9.9768

Previews

White Background



This preview shows how the YUV color 173.0610, -36.0191, 26.2565 looks on a white background.

Color Contrast Check

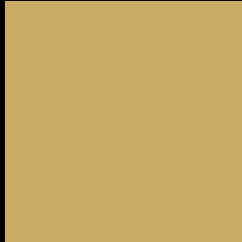
Large Text (above 18pt) WCAG AA × Fail

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 173.0610, -36.0191, 26.2565 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 173.0610, -36.0191, 26.2565

Background



This preview shows how black text looks on a background with the YUV color 173.0610, -36.0191, 26.2565.



This preview shows how white text looks on a background with the YUV color 173.0610, -36.0191, 26.2565.

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

173.0610, -36.0191, 26.2565

Protanopia

172.5330, -35.2658, 17.9496

Deuteranopia

174.1160, -36.0462, 34.9783



Tritanopia

178.5350, -1.2498, 27.5948

Trichromacy



Original Color

173.0610, -36.0191, 26.2565

Protanomaly

173.1420, -35.5660, 20.9235

Deuteranomaly

173.5070, -35.7460, 32.0044

Tritanomaly

176.2070, -13.9061, 27.0055

Monochromacy



Original Color

173.0610, -36.0191, 26.2565

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.2110, -13.4150, 9.4620

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0610, -36.0191, 26.2565 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(203, 172, 100)` looks like.

```
.text, #text, p{  
    color:rgb(203, 172, 100)  
}
```

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(203, 172, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 172, 100) }
```

Border

The CSS property to change the border of an element to YUV 173.0610, -36.0191, 26.2565 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(203, 172, 100) }
```


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

```
.border{ border-color:rgb(203, 172, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 172, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 172, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 172, 100);  
box-shadow:4px 4px 4px 4px rgb(203, 172,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 173.0610, -36.0191, 26.2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 172, 100) }
```

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

```
.background{ background-color: rgb(203,  
172, 100) }
```

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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