

Converting Colors

YUV(173.3000, -38.6019,
14.6459)

Have a look what the booklet for
YUV(173.3000, -38.6019, 14.6459)
contains.

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Color

**YUV(173.3000, -38.6019,
14.6459)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB45F
RGB	190, 180, 95
RGB Percent	75%, 71%, 37%
CMY	0.2549, 0.2941, 0.6275
CMYK	0.00, 0.05, 0.50, 0.25
HSL	54°, 42%, 56%
HSV	54°, 50%, 75%
XYZ	39.6220, 44.4159, 17.3113
YIQ	173.3000, 33.2450, -24.3150

Conversions

Conversions Part 2

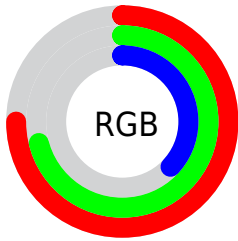
Format	Color
RYB	106, 190, 95
Decimal	12498015
CIELab	72.51, -7.98, 44.25
CIELCh	73, 44.962, 100.222
Yxy	44.4159, 0.3909, 0.4382
Android (android.graphics.Color)	4290688095 (0xFFBEB45F)
YUV	173.3000, -38.6019, 14.6459
Hunter-Lab	66.6452, -10.5071, 31.2509

Details

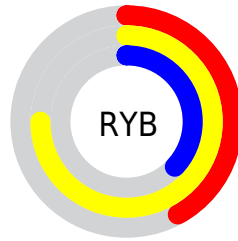
The YUV color $173.3000, -38.6019, 14.6459$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $111.7000, 38.6019, -14.6459$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.4420, -40.6439, 16.2754$, and $120.0440, -36.9967, 13.1164$ is the 20% darker color. If you saturate the color by 10%, you get $169.9600, -46.3223, 17.5751$, and if you desaturate by 10%, it is $176.6400, -30.8815, 11.7167$.

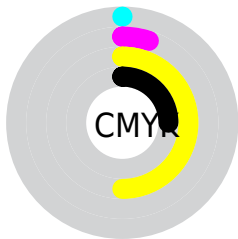
Distribution



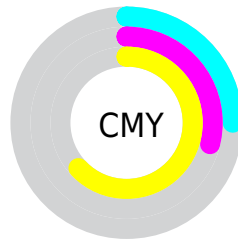
- Red (75%)
- Green (71%)
- Blue (37%)



- Red (42%)
- Yellow (75%)
- Blue (37%)



- Cyan (0%)
- Magenta (5%)
- Yellow (50%)
- Black (25%)



- Cyan (25%)
- Magenta (29%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.3000, -38.6019, 14.6459 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 173.3000, -38.6019, 14.6459 by changing the saturation by 10% instead.

■ 173.3000,
-38.6019, 14.6459

■ 173.3000,
-38.6019, 14.6459

■ 255.0000, 0.0000,
0.0000

■ 146.2290,
-37.5809, 13.8312

■ 229.4420,
-40.6439, 16.2754

■ 120.0440,
-36.9967, 13.1164

■ 245.8800,
-34.9438, 7.9982

■ 94.8050, -37.8649,
11.5720

■ 248.9580,
-23.1503, 5.2988

■ 70.8910, -34.9493,
9.7426

■ 252.2640,
-10.4832, 2.3995

■ 49.9150, -24.6081,
6.2135

■ 30.1130, -14.8457,
1.6549

■ 8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 173.3000,
-38.6019, 14.6459

■ 173.3000,
-38.6019, 14.6459

■ 169.9600,
-46.3223, 17.5751

■ 176.6400,
-30.8815, 11.7167

■ 166.6200,
-54.0427, 20.5043

■ 179.9800,
-23.1611, 8.7875

■ 163.2800,
-61.7630, 23.4334

■ 183.3200,
-15.4408, 5.8584

■ 159.9400,
-69.4834, 26.3626

■ 186.6600, -7.7204,
2.9292

■ 156.6000,
-77.2038, 29.2918

■ 190.0000, 0.0000,
0.0000

■ 193.3400, 7.7204,
-2.9292

■ 196.6800, 15.4408,
-5.8584

■ 200.0200, 23.1611,
-8.7875

■ 202.1060, 26.0767,
-10.6170

Harmonies

Analogous

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



176.8290, -37.3837, 44.0000



173.3000, -38.6019, 14.6459



168.3540, -27.2895, -20.4815

Triad

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



173.3000, -38.6019, 14.6459



141.8590, 43.4535, -124.4103



182.8210, 11.9202, 50.1460

Complementary

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



173.3000, -38.6019, 14.6459



111.7000, 38.6019, -14.6459

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.



182.3680, 28.9056, 15.4633



173.3000, -38.6019, 14.6459



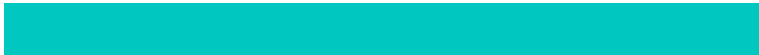
153.6420, 49.4765, -96.1560

Square

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



173.3000, -38.6019, 14.6459



138.5870, 25.8396, -121.5408



174.2310, 39.8191, -31.7746



180.1700, -7.4788, 65.6259

Rectangle

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



173.3000, -38.6019, 14.6459



163.4460, -13.5309, -46.8721



174.2310, 39.8191, -31.7746



182.6610, 17.9151, 40.6393

Sweetspot

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



173.3000, -38.6019, 14.6459



240.4340, -15.0040, 5.7584



124.6590, -9.1989, 57.3041



121.2040, -9.4676, 3.3291



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



173.3000, -38.6019, 14.6459



221.3230, -60.3052, 22.5187



168.4060, -36.1892, -12.6341



92.3870, -3.6418, 1.4146



130.0090, -64.0944, 24.5481



25.1180, -12.3832, 5.1585

Inverse Universe

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



111.7000, 38.6019, -14.6459



125.2640, 60.0158, -23.0335



116.5940, 36.1892, 12.6341



86.6130, 3.6418, -1.4146



27.9910, 64.0944, -24.5481



5.2950, 12.6726, -4.6437

Previews

White Background



This preview shows how the YUV color 173.3000, -38.6019, 14.6459 looks on a white background.

Color Contrast Check

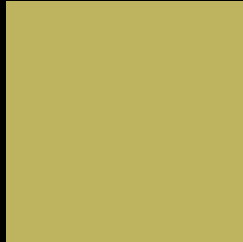
Large Text (above 18pt) WCAG AA × Fail

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 173.3000, -38.6019, 14.6459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

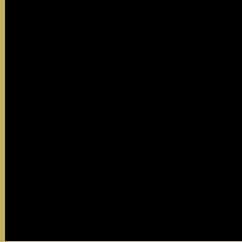
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.3000, -38.6019, 14.6459

Background



This preview shows how black text looks on a background with the YUV color 173.3000, -38.6019, 14.6459.



This preview shows how white text looks on a background with the YUV color 173.3000, -38.6019, 14.6459.

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

173.3000, -38.6019, 14.6459

Protanopia

173.8060, -39.3444, 19.4641

Deuteranopia

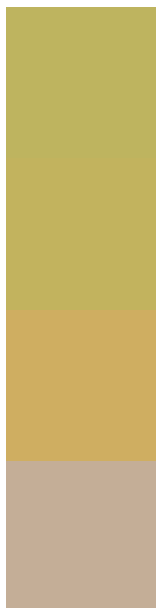
175.8450, -38.3776, 36.0929



Tritanopia

180.1530, 1.4036, 16.5288

Trichromacy



Original Color

173.3000, -38.6019, 14.6459

Protanomaly

173.7950, -39.3389, 17.7198

Deuteranomaly

175.0890, -38.4979, 27.9859

Tritanomaly

177.9560, -13.2893, 15.8246

Monochromacy



Original Color

173.3000, -38.6019, 14.6459

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.3630, -13.9830, 4.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.3000, -38.6019, 14.6459 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(190, 180, 95)` looks like.

```
.text, #text, p{  
    color:rgb(190, 180, 95)  
}
```

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(190, 180, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 180, 95) }
```

Border

The CSS property to change the border of an element to YUV 173.3000, -38.6019, 14.6459 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(190, 180, 95) }
```


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

```
.border{ border-color:rgb(190, 180, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 180, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 180, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 180, 95);  
box-shadow:4px 4px 4px 4px rgb(190, 180,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 173.3000, -38.6019, 14.6459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 180, 95) }
```

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

```
.background{ background-color: rgb(190,  
180, 95) }
```

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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