

Converting Colors

YUV(174.4060, -29.2872,
13.6759)

Have a look what the booklet for
YUV(174.4060, -29.2872, 13.6759)
contains.

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Color

**YUV(174.4060, -29.2872,
13.6759)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB273
RGB	190, 178, 115
RGB Percent	75%, 70%, 45%
CMY	0.2549, 0.3020, 0.5490
CMYK	0.00, 0.06, 0.39, 0.25
HSL	50°, 37%, 60%
HSV	50°, 39%, 75%
XYZ	40.2501, 44.0257, 22.5961
YIQ	174.4060, 27.3750, -17.0490

Conversions

Conversions Part 2

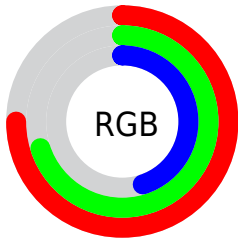
Format	Color
RYB	129, 190, 115
Decimal	12497523
CIELab	72.25, -4.90, 33.74
CIElCh	72, 34.091, 98.256
Yxy	44.0257, 0.3766, 0.4119
Android (android.graphics.Color)	4290687603 (0xFFBEB273)
YUV	174.4060, -29.2872, 13.6759
Hunter-Lab	66.3519, -7.8349, 26.2552

Details

The YUV color **174.4060, -29.2872, 13.6759** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **130.5940, 29.2872, -13.6759**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3630, -30.7450, 14.5906**, and **121.8510, -27.5345, 11.5317** is the 20% darker color. If you saturate the color by 10%, you get **170.4790, -36.7181, 17.1199**, and if you desaturate by 10%, it is **178.3330, -21.8562, 10.2320**.

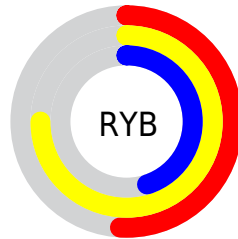
Distribution



Red (75%)

Green (70%)

Blue (45%)



Red (51%)

Yellow (75%)

Blue (45%)

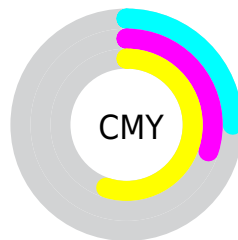


Cyan (0%)

Magenta (6%)

Yellow (39%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4060, -29.2872, 13.6759 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 174.4060, -29.2872, 13.6759 by changing the saturation by 10% instead.

■ 174.4060,
-29.2872, 13.6759

■ 174.4060,
-29.2872, 13.6759

255.0000, 0.0000,
0.0000

■ 147.3350,
-28.2662, 12.8612

■ 230.3630,
-30.7450, 14.5906

■ 121.8510,
-27.5345, 11.5317

■ 248.1600,
-26.2079, 5.9987

■ 96.6660, -26.9503,
10.8169

■ 251.3520,
-13.9775, 3.1993

■ 72.0680, -26.6555,
9.5874

254.6580, -1.3104,
0.2999

■ 49.3390, -24.3241,
8.4727

■ 29.8360, -14.7091,
4.5288

■ 7.0440, -3.4727,

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 174.4060,
-29.2872, 13.6759

■ 174.4060,
-29.2872, 13.6759

■ 170.4790,
-36.7181, 17.1199

■ 178.3330,
-21.8562, 10.2320

■ 166.5520,
-44.1491, 20.5639

■ 182.2600,
-14.4252, 6.7880

■ 162.6250,
-51.5801, 24.0079

■ 186.1870, -6.9942,
3.3440

■ 158.6980,
-59.0111, 27.4519

■ 190.1140, 0.4368,
-0.1000

■ 154.7710,
-66.4421, 30.8958

■ 194.0410, 7.8678,
-3.5440

■ 150.8440,
-73.8731, 34.3398

■ 197.9680, 15.2988,
-6.9879

■ 150.7300,
-74.3099, 34.4398

■ 201.8950, 22.7298,
-10.4319

■ 204.4540, 24.9192,
-12.6762

■ 206.2150, 24.0510,
-14.2206

Harmonies

Analogous

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



176.8910, -28.0473, 36.0526



174.4060, -29.2872, 13.6759



170.8910, -21.6383, -13.0594

Triad

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



174.4060, -29.2872, 13.6759



157.8450, 28.1774, -77.9171



182.0490, 9.3428, 36.7910

Complementary

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



174.4060, -29.2872, 13.6759



130.5940, 29.2872, -13.6759

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.



180.6140, 22.3753, 9.9855



174.4060, -29.2872, 13.6759



166.3450, 33.3539, -58.1846

Square

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



174.4060, -29.2872, 13.6759



159.7850, 12.4310, -67.3404



175.2830, 30.9195, -23.9272



180.3530, -5.1040, 50.5564

Rectangle

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



174.4060, -29.2872, 13.6759



167.5880, -12.1219, -32.0877



175.2830, 30.9195, -23.9272



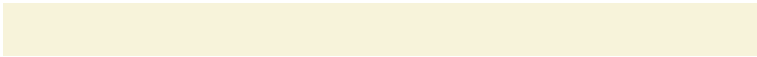
181.5580, 14.0219, 29.3286

Sweetspot

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



174.4060, -29.2872, 13.6759



241.3460, -11.5096, 4.9586



138.9070, -5.3772, 44.8086



121.1870, -6.9942, 3.3440



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.



174.4060, -29.2872, 13.6759



223.2100, -45.4595, 20.8638



173.9750, -29.0747, -7.8711



92.3870, -3.6418, 1.4146



125.3130, -61.7793, 28.6665



24.5310, -12.0938, 5.6733

Inverse Universe

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



130.5940, 29.2872, -13.6759



155.3770, 45.1701, -21.3786



131.0250, 29.0747, 7.8711



86.6130, 3.6418, -1.4146



32.6870, 61.7793, -28.6665



6.4690, 12.0938, -5.6733

Previews

White Background



This preview shows how the YUV color 174.4060, -29.2872, 13.6759 looks on a white background.

Color Contrast Check

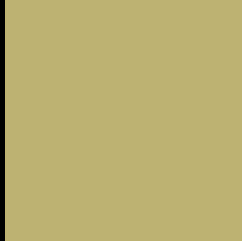
Large Text (above 18pt) WCAG AA × Fail

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 174.4060, -29.2872, 13.6759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

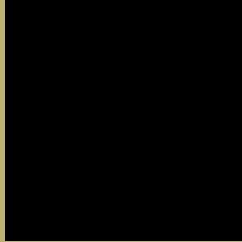
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.4060, -29.2872, 13.6759

Background



This preview shows how black text looks on a background with the YUV color 174.4060, -29.2872, 13.6759.



This preview shows how white text looks on a background with the YUV color 174.4060, -29.2872, 13.6759.

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

174.4060, -29.2872, 13.6759

Protanopia

174.7160, -29.4400, 16.0351

Deuteranopia

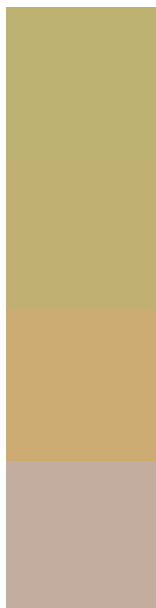
176.2280, -29.1994, 32.2490



Tritanopia

179.5550, 1.6984, 15.2993

Trichromacy



Original Color

174.4060, -29.2872, 13.6759

Protanomaly

174.4170, -29.2926, 15.4203

Deuteranomaly

175.4830, -29.3251, 25.8864

Tritanomaly

177.5690, -9.6475, 14.4100

Monochromacy



Original Color

174.4060, -29.2872, 13.6759

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9870, -10.3466, 5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4060, -29.2872, 13.6759 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, 178, 115)` looks like.

```
.text, #text, p{  
    color:rgb(190, 178, 115)  
}
```

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, 178, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 178, 115) }
```

Border

The CSS property to change the border of an element to YUV 174.4060, -29.2872, 13.6759 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, 178, 115) }
```


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

```
.border{ border-color:rgb(190, 178, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 178, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 178, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 178, 115);  
box-shadow:4px 4px 4px 4px rgb(190, 178,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 174.4060, -29.2872, 13.6759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 178, 115) }
```

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

```
.background{ background-color: rgb(190,  
178, 115) }
```

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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