

Converting Colors

YUV(174.1440, -41.9760,
23.5527)

Have a look what the booklet for
YUV(174.1440, -41.9760, 23.5527)
contains.

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Color

**YUV(174.1440, -41.9760,
23.5527)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B159
RGB	201, 177, 89
RGB Percent	79%, 69%, 35%
CMY	0.2118, 0.3059, 0.6510
CMYK	0.00, 0.12, 0.56, 0.21
HSL	47°, 51%, 57%
HSV	47°, 56%, 79%
XYZ	41.6127, 44.5831, 15.8634
YIQ	174.1440, 42.5520, -22.2800

Conversions

Conversions Part 2

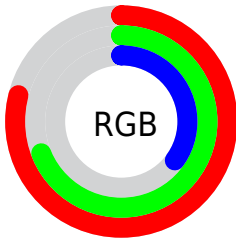
Format	Color
RYB	120, 201, 89
Decimal	13218137
CIELab	72.62, -2.30, 47.55
CIElCh	73, 47.604, 92.774
Yxy	44.5831, 0.4077, 0.4368
Android (android.graphics.Color)	4291408217 (0xFFC9B159)
YUV	174.1440, -41.9760, 23.5527
Hunter-Lab	66.7705, -5.6038, 32.6533

Details

The YUV color $174.1440, -41.9760, 23.5527$ is a light color, and the websafe version is hex `CCCC66`. The color can be described as light muted orange. A complement of this color would be $115.8560, 41.9760, -23.5527$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.5030, -43.1390, 23.2379$, and $120.7630, -40.8022, 20.3788$ is the 20% darker color. If you saturate the color by 10%, you get $169.5160, -49.5544, 27.6115$, and if you desaturate by 10%, it is $178.7720, -34.3976, 19.4940$.

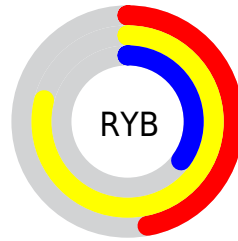
Distribution



Red (79%)

Green (69%)

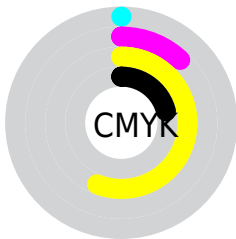
Blue (35%)



Red (47%)

Yellow (79%)

Blue (35%)

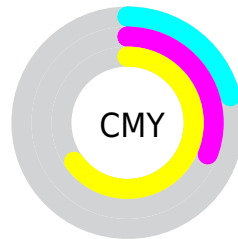


Cyan (0%)

Magenta (12%)

Yellow (56%)

Black (21%)



Cyan (21%)

Magenta (31%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1440, -41.9760, 23.5527 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 174.1440, -41.9760, 23.5527 by changing the saturation by 10% instead.

■ 174.1440,
-41.9760, 23.5527

■ 174.1440,
-41.9760, 23.5527

■ 255.0000, 0.0000,
0.0000

■ 146.7740,
-40.8076, 22.1232

■ 228.5030,
-43.1390, 23.2379

■ 120.7630,
-40.8022, 20.3788

■ 245.0820,
-38.0014, 8.6981

■ 94.5950, -42.6913,
19.6492

■ 248.2740,
-25.7711, 5.8987

■ 71.5220, -35.2603,
16.2052

■ 251.5800,
-13.1039, 2.9993

■ 51.1330, -25.2086,
12.1614

■ 254.8860, -0.4368,
0.1000

■ 31.0320, -15.2988,
6.9879

■ 9.1480, -4.5100,

-0.1298

■ 0.0000, 0.0000,
0.0000

■ 174.1440,
-41.9760, 23.5527

■ 174.1440,
-41.9760, 23.5527

■ 169.5160,
-49.5544, 27.6115

■ 178.7720,
-34.3976, 19.4940

■ 164.3010,
-56.8434, 32.1850

■ 183.9870,
-27.1086, 14.9204

■ 159.6730,
-64.4218, 36.2438

■ 188.6150,
-19.5302, 10.8616

■ 155.0450,
-72.0002, 40.3025

■ 193.2430,
-11.9518, 6.8029

■ 152.8450,
-75.3526, 42.2319

■ 198.5720, -4.2260,
2.1294

■ 203.2000, 3.3524,
-1.9294

■ 207.8280, 10.9308,
-5.9882

■ 212.4560, 18.5092,
-10.0469

■ 215.9610, 19.2462,
-13.1208

Harmonies

Analogous

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



177.4710, -37.7002, 52.2069



174.1440, -41.9760, 23.5527



169.3290, -32.7002, -11.6895

Triad

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



174.1440, -41.9760, 23.5527



142.3490, 40.2539, -124.8401



183.5800, 17.4621, 45.9723

Complementary

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



174.1440, -41.9760, 23.5527



115.8560, 41.9760, -23.5527

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.



181.3820, 34.3217, 4.9270



174.1440, -41.9760, 23.5527



142.3610, 55.5310, -124.8506

Square

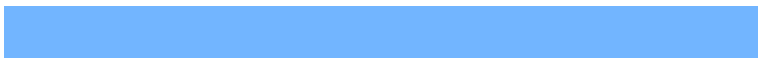
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



174.1440, -41.9760, 23.5527



138.6210, 20.8928, -121.5706



169.4030, 42.1993, -48.5884



179.6630, -1.8059, 66.0705

Rectangle

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



174.1440, -41.9760, 23.5527



164.4810, -19.9571, -39.0098



169.4030, 42.1993, -48.5884



183.1100, 23.6098, 34.1065

Sweetspot

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



174.1440, -41.9760, 23.5527



244.8150, -16.1778, 8.9322



125.2240, -6.0264, 66.4556



121.5140, -9.6204, 5.6882



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.



174.1440, -41.9760, 23.5527



213.7870, -63.9850, 36.1438



178.6640, -44.2044, -8.4753



96.8000, -3.3524, 1.9294



123.8730, -61.0694, 34.3144



27.2000, -13.4096, 7.7176

Inverse Universe

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



115.8560, 41.9760, -23.5527



125.2130, 63.9850, -36.1438



111.3360, 44.2044, 8.4753



92.2000, 3.3524, -1.9294



39.1270, 61.0694, -34.3144



8.8000, 13.4096, -7.7176

Previews

White Background



This preview shows how the YUV color 174.1440, -41.9760, 23.5527 looks on a white background.

Color Contrast Check

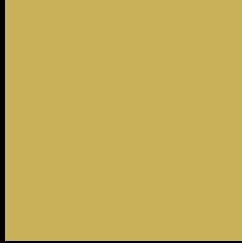
Large Text (above 18pt) WCAG AA × Fail

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 174.1440, -41.9760, 23.5527 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 174.1440, -41.9760, 23.5527

Background



This preview shows how black text looks on a background with the YUV color 174.1440, -41.9760, 23.5527.

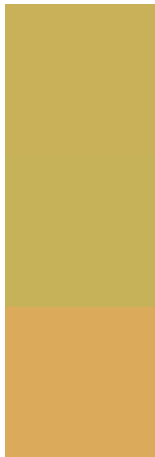


This preview shows how white text looks on a background with the YUV color 174.1440, -41.9760, 23.5527.

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

174.1440, -41.9760, 23.5527

Protanopia

173.5350, -41.6758, 20.5788

Deuteranopia

175.6450, -41.7300, 38.0223



Tritanopia

181.0400, -0.5127, 24.5209

Trichromacy



Original Color

174.1440, -41.9760, 23.5527

Protanomaly

173.8340, -41.8232, 21.1936

Deuteranomaly

175.1990, -42.0031, 32.2745

Tritanomaly

178.7290, -15.6424, 23.9167

Monochromacy



Original Color

174.1440, -41.9760, 23.5527

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.0430, -15.3042, 8.7323

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1440, -41.9760, 23.5527 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(201, 177, 89)` looks like.

```
.text, #text, p{  
    color:rgb(201, 177, 89)  
}
```

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(201, 177, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 177, 89) }
```

Border

The CSS property to change the border of an element to YUV 174.1440, -41.9760, 23.5527 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(201, 177, 89) }
```


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

```
.border{ border-color:rgb(201, 177, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 177, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 177, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 177, 89);  
box-shadow:4px 4px 4px 4px rgb(201, 177,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 174.1440, -41.9760, 23.5527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 177, 89) }
```

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

```
.background{ background-color: rgb(201,  
177, 89) }
```

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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