

Converting Colors

YUV(202.4350, -40.1475,
-3.0125)

Have a look what the booklet for
YUV(202.4350, -40.1475, -3.0125)
contains.

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Color

**YUV(202.4350, -40.1475,
-3.0125)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DC79
RGB	199, 220, 121
RGB Percent	78%, 86%, 47%
CMY	0.2196, 0.1373, 0.5255
CMYK	0.10, 0.00, 0.45, 0.14
HSL	73°, 59%, 67%
HSV	73°, 45%, 86%
XYZ	52.5976, 64.7090, 27.8071
YIQ	202.4350, 19.2630, -35.2410

Conversions

Conversions Part 2

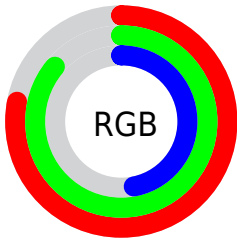
Format	Color
RYB	121, 220, 142
Decimal	13098105
CIELab	84.33, -21.97, 46.10
CIElCh	84, 51.068, 115.485
Yxy	64.7090, 0.3625, 0.4459
Android (android.graphics.Color)	4291288185 (0xFFC7DC79)
YUV	202.4350, -40.1475, -3.0125
Hunter-Lab	80.4419, -24.0597, 35.8140

Details

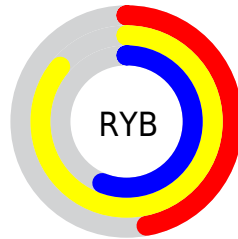
The YUV color $202.4350, -40.1475, -3.0125$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $138.5650, 40.1475, 3.0125$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.8800, -34.9438, 7.9982$, and $147.4780, -38.6897, -3.9272$ is the 20% darker color. If you saturate the color by 10%, you get $198.4320, -49.0200, -3.8869$, and if you desaturate by 10%, it is $206.4380, -31.2749, -2.1381$.

Distribution



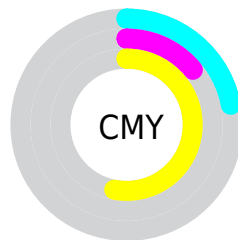
- Red (78%)
- Green (86%)
- Blue (47%)



- Red (47%)
- Yellow (86%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (45%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.4350, -40.1475, -3.0125 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 202.4350, -40.1475, -3.0125 by changing the saturation by 10% instead.

■ 202.4350,
-40.1475, -3.0125

■ 202.4350,
-40.1475, -3.0125

255.0000, 0.0000,
0.0000

■ 174.6630,
-39.2739, -3.2125

■ 245.8800,
-34.9438, 7.9982

■ 147.4780,
-38.6897, -3.9272

■ 249.0720,
-22.7135, 5.1989

■ 121.5920,
-38.2529, -4.0272

■ 252.3780,
-10.0464, 2.2995

■ 94.9510, -39.4158,
-4.3420

■ 71.6780, -35.3373,
-5.8566

■ 50.4140, -24.8541,
-8.2561

■ 29.4270, -14.5075,

-13.5295

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 202.4350,
-40.1475, -3.0125

■ 202.4350,
-40.1475, -3.0125

■ 198.4320,
-49.0200, -3.8869

■ 206.4380,
-31.2749, -2.1381

■ 194.7280,
-58.0399, -4.1465

■ 210.1420,
-22.2550, -1.8785

■ 190.7250,
-66.9124, -5.0208

■ 214.1450,
-13.3825, -1.0042

■ 186.7220,
-75.7849, -5.8952

■ 218.1480, -4.5100,
-0.1298

■ 183.0180,
-84.8049, -6.1548

■ 221.8520, 4.5100,
0.1298

■ 180.8670,
-89.1674, -6.8994

■ 225.8550, 13.3825,
1.0042

■ 227.5780, 13.5190,
3.8781

■ 228.7740, 12.9294,
6.3372

■ 230.2690, 12.1924,
9.4111

Harmonies

Analogous

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



207.0700, -46.3765, 35.0186



202.4350, -40.1475, -3.0125



195.0240, -20.2248, -46.5020

Triad

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



202.4350, -40.1475, -3.0125



163.4930, 45.1130, -143.3834



202.2890, 8.7315, 46.2275

Complementary

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



202.4350, -40.1475, -3.0125



138.5650, 40.1475, 3.0125

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.



212.7360, 20.8362, 37.0655



202.4350, -40.1475, -3.0125



192.3180, 30.9022, -65.1769

Square

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



202.4350, -40.1475, -3.0125



166.4450, 41.1926, -145.9723



208.0530, 23.1449, -3.5545



197.8770, -13.2504, 50.0969

Rectangle

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



202.4350, -40.1475, -3.0125



186.5540, -0.7661, -81.1699



208.0530, 23.1449, -3.5545



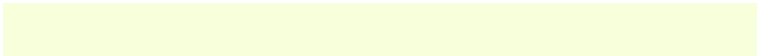
205.2870, 15.1415, 43.5983

Sweetspot

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



202.4350, -40.1475, -3.0125



248.5040, -14.5455, -1.3190



162.3410, -20.3811, 50.5669



123.9970, -8.8725, -0.8744



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.



202.4350, -40.1475, -3.0125



230.5970, -56.0033, -4.0316



188.0830, -33.0719, -32.5218



107.8490, -4.3626, -0.7446



142.5140, -70.2594, -4.8358



37.7660, -18.6186, -1.5488

Inverse Universe

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



138.5650, 40.1475, 3.0125



141.7020, 55.8559, 4.6463



152.9170, 33.0719, 32.5218



100.8520, 4.5100, 0.1298



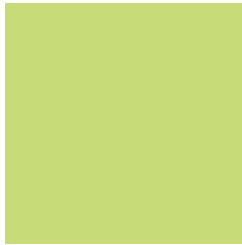
30.7850, 70.1120, 5.4506



8.2340, 18.6186, 1.5488

Previews

White Background



This preview shows how the YUV color 202.4350, -40.1475, -3.0125 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 202.4350, -40.1475, -3.0125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

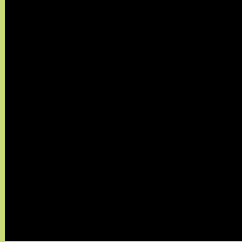
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.4350, -40.1475, -3.0125

Background



This preview shows how black text looks on a background with the YUV color 202.4350, -40.1475, -3.0125.



This preview shows how white text looks on a background with the YUV color 202.4350, -40.1475, -3.0125.

-3.0125.

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

202.4350, -40.1475, -3.0125

Protanopia

205.6770, -43.7178, 22.2083

Deuteranopia

208.5960, -40.7198, 40.6963



Tritanopia

211.1340, 6.8359, 0.7595

Trichromacy



Original Color

202.4350, -40.1475, -3.0125

Protanomaly

204.5510, -42.6696, 12.6718

Deuteranomaly

206.4970, -40.6710, 24.9971

Tritanomaly

207.6550, -10.1829, -0.5744

Monochromacy



Original Color

202.4350, -40.1475, -3.0125

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.5040, -14.5455, -1.3190

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4350, -40.1475, -3.0125 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(199, 220, 121)` looks like.

```
.text, #text, p{  
    color:rgb(199, 220, 121)  
}
```

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(199, 220, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 220, 121) }
```

Border

The CSS property to change the border of an element to YUV 202.4350, -40.1475, -3.0125 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(199, 220, 121) }
```


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

```
.border{ border-color:rgb(199, 220, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 220, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 220, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 220, 121);  
box-shadow:4px 4px 4px 4px rgb(199, 220,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 202.4350, -40.1475, -3.0125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 220, 121) }
```

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

```
.background{ background-color: rgb(199,  
220, 121) }
```

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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