

Converting Colors

YUV(162.4820, -41.6496,
-34.6257)

Have a look what the booklet for
YUV(162.4820, -41.6496, -34.6257)
contains.

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Color

**YUV(162.4820, -41.6496,
-34.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	7BC74E
RGB	123, 199, 78
RGB Percent	48%, 78%, 31%
CMY	0.5176, 0.2196, 0.6941
CMYK	0.38, 0.00, 0.61, 0.22
HSL	98°, 52%, 54%
HSV	98°, 61%, 78%
XYZ	29.9669, 45.6079, 14.4315
YIQ	162.4820, -6.4550, -53.7430

Conversions

Conversions Part 2

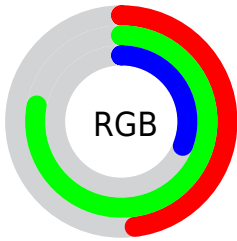
Format	Color
RYB	78, 199, 154
Decimal	8111950
CIELab	73.29, -44.56, 51.98
CIELCh	73, 68.466, 130.610
Yxy	45.6079, 0.3329, 0.5067
Android (android.graphics.Color)	4286302030 (0xFF7BC74E)
YUV	162.4820, -41.6496, -34.6257
Hunter-Lab	67.5336, -38.9773, 34.6036

Details

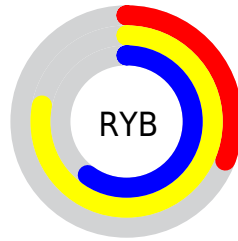
The YUV color **162.4820, -41.6496, -34.6257** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **114.5180, 41.6496, 34.6257**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.4390, -43.1074, -33.7110**, and **106.9550, -42.3758, -35.0405** is the 20% darker color. If you saturate the color by 10%, you get **156.6140, -48.6167, -40.0035**, and if you desaturate by 10%, it is **168.3500, -34.6825, -29.2479**.

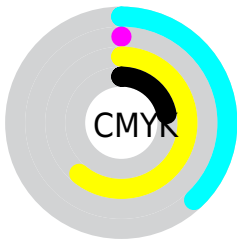
Distribution



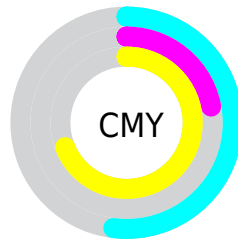
- Red (48%)
- Green (78%)
- Blue (31%)



- Red (31%)
- Yellow (78%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (61%)
- Black (22%)



- Cyan (52%)
- Magenta (22%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.4820, -41.6496, -34.6257 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 162.4820, -41.6496, -34.6257 by changing the saturation by 10% instead.

■ 162.4820,
-41.6496, -34.6257

■ 162.4820,
-41.6496, -34.6257

■ 255.0000, 0.0000,
0.0000

■ 134.5960,
-41.2128, -34.7257

■ 218.4390,
-43.1074, -33.7110

■ 106.9550,
-42.3758, -35.0405

■ 230.0030,
-35.0045, -19.2966

■ 80.0300, -39.4548,
-38.6143

■ 242.0510,
-27.6331, -3.5527

■ 54.5910, -26.9134,
-47.8763

■ 250.4400,
-17.4719, 3.9991

■ 39.9160, -19.6786,
-35.0063

■ 253.7460, -4.8048,
1.0998

■ 27.0020, -13.3120,
-23.6808

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 162.4820,
-41.6496, -34.6257

■ 162.4820,
-41.6496, -34.6257

■ 156.6140,
-48.6167, -40.0035

■ 168.3500,
-34.6825, -29.2479

■ 150.4470,
-55.4364, -45.9960

■ 174.5170,
-27.8629, -23.2554

■ 144.5790,
-62.4034, -51.3738

■ 180.3850,
-20.8958, -17.8776

■ 138.9390,
-68.4969, -56.9515

■ 186.5520,
-14.0761, -11.8851

■ 192.4200, -7.1091,
-6.5073

■ 198.4730, -0.7262,
-0.4148

■ 204.3410, 6.2409,
4.9629

■ 210.5080, 13.0606,
10.9555

■ 216.1480, 19.1540,
16.5332

Harmonies

Analogous

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



170.0900, -63.6414, 19.2151



162.4820, -41.6496, -34.6257



137.0130, -0.4994, -120.1604

Triad

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



162.4820, -41.6496, -34.6257



145.2960, 54.0841, -127.4246



165.5120, -2.7174, 78.4810

Complementary

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



162.4820, -41.6496, -34.6257



114.5180, 41.6496, 34.6257

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.



177.3900, 22.4857, 68.0640



162.4820, -41.6496, -34.6257



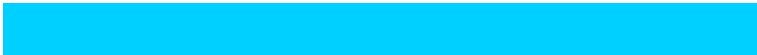
162.8360, 45.4369, -60.3692

Square

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



162.4820, -41.6496, -34.6257



151.1660, 51.1902, -132.5726



182.8560, 35.5670, 25.5593



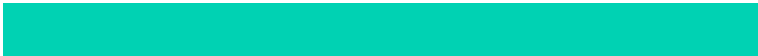
168.1780, -33.1188, 76.1429

Rectangle

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



162.4820, -41.6496, -34.6257



143.6760, 17.4147, -126.0039



182.8560, 35.5670, 25.5593



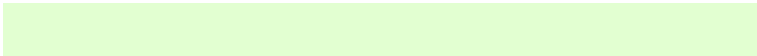
167.3190, 6.7447, 76.8962

Sweetspot

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



162.4820, -41.6496, -34.6257



241.0850, -15.8179, -13.2295



158.2040, -39.5406, 35.7781



119.3120, -10.0138, -8.1666



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.



162.4820, -41.6496, -34.6257



198.8130, -63.9978, -53.3330



150.6230, -28.9011, -63.6904



96.1800, -3.0467, -2.7889



113.9200, -56.1626, -46.4108



25.0190, -12.3344, -10.5407

Inverse Universe

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



114.5180, 41.6496, 34.6257



125.1870, 63.9978, 53.3330



126.3770, 28.9011, 63.6904



92.8200, 3.0467, 2.7889



49.3790, 56.0152, 47.0256



10.6820, 12.4818, 9.9259

Previews

White Background



This preview shows how the YUV color 162.4820, -41.6496, -34.6257 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 162.4820, -41.6496, -34.6257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

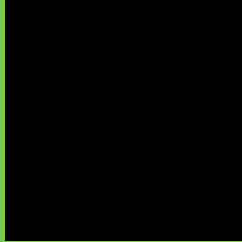
Any Text WCAG AA ✓ Pass

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 162.4820, -41.6496, -34.6257 Background



This preview shows how black text looks on a background with the YUV color 162.4820, -41.6496, -34.6257.



This preview shows how white text looks on a background with the YUV color 162.4820, -41.6496, -34.6257.

-34.6257.

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

162.4820, -41.6496, -34.6257

Protanopia

172.7820, -49.6855, 22.9932

Deuteranopia

175.6730, -44.2088, 39.7518



Tritanopia

175.4400, 12.6011, -28.4499

Trichromacy



Original Color

162.4820, -41.6496, -34.6257

Protanomaly

168.7470, -46.7103, 1.9759

Deuteranomaly

171.0240, -43.3958, 12.2570

Tritanomaly

170.5650, -7.1805, -30.3135

Monochromacy



Original Color

162.4820, -41.6496, -34.6257

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.9110, -15.2391, -12.1999

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4820, -41.6496, -34.6257 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(123, 199, 78)` looks like.

```
.text, #text, p{  
    color:rgb(123, 199, 78)  
}
```

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(123, 199, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 199, 78) }
```

Border

The CSS property to change the border of an element to YUV 162.4820, -41.6496, -34.6257 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(123, 199, 78) }
```


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

```
.border{ border-color:rgb(123, 199, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 199, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 199, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 199, 78);  
box-shadow:4px 4px 4px 4px rgb(123, 199,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 162.4820, -41.6496, -34.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 199, 78) }
```

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

```
.background{ background-color: rgb(123,  
199, 78) }
```

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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