

Converting Colors

YUV(202.3770, -42.5839,
-61.7206)

Have a look what the booklet for
YUV(202.3770, -42.5839, -61.7206)
contains.

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Color

**YUV(202.3770, -42.5839,
-61.7206)**

Conversions

Conversions Part 1

Format	Color
Hex	84FF74
RGB	132, 255, 116
RGB Percent	52%, 100%, 45%
CMY	0.4824, 0.0000, 0.5451
CMYK	0.48, 0.00, 0.55, 0.00
HSL	113°, 100%, 73%
HSV	113°, 55%, 100%
XYZ	48.4281, 77.6865, 28.9656
YIQ	202.3770, -28.6890, -69.3050

Conversions

Conversions Part 2

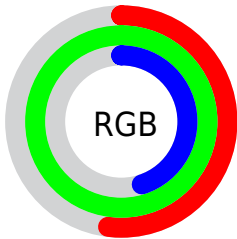
Format	Color
RYB	116, 255, 239
Decimal	8716148
CIELab	90.64, -60.29, 55.23
CIElCh	91, 81.761, 137.508
Yxy	77.6865, 0.3123, 0.5009
Android (android.graphics.Color)	4286906228 (0xFF84FF74)
YUV	202.3770, -42.5839, -61.7206
Hunter-Lab	88.1399, -56.1688, 42.2134

Details

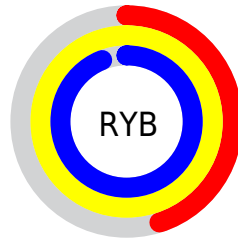
The YUV color **202.3770, -42.5839, -61.7206** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **168.6230, 42.5839, 61.7206**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5870, -27.4044, -30.3328**, and **143.3380, -40.0996, -65.1944** is the 20% darker color. If you saturate the color by 10%, you get **192.5360, -50.5502, -73.2611**, and if you desaturate by 10%, it is **212.2180, -34.6175, -50.1802**.

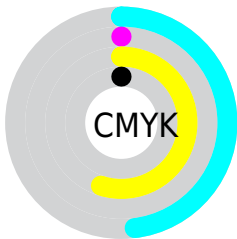
Distribution



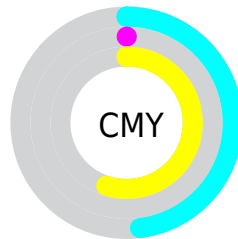
- Red (52%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (94%)



- Cyan (48%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.3770, -42.5839, -61.7206 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 202.3770, -42.5839, -61.7206 by changing the saturation by 10% instead.

■ 202.3770,
-42.5839, -61.7206

■ 202.3770,
-42.5839, -61.7206

■ 255.0000, 0.0000,
0.0000

■ 173.3060,
-41.5629, -62.5354

■ 226.5870,
-27.4044, -30.3328

■ 143.3380,
-40.0996, -65.1944

■ 238.7490,
-19.5963, -14.6889

■ 111.0380,
-38.4727, -73.7013

■ 251.0250,
-11.3513, 0.8551

■ 83.3540, -41.0935,
-73.1015

■ 67.5050, -33.2800,
-59.2019

■ 52.8300, -26.0452,
-46.3319

■ 38.1550, -18.8104,

-33.4619

■ 24.6540, -12.1544,
-21.6216

■ 2.3480, -1.1576,
-2.0592

■ 202.3770,
-42.5839, -61.7206

■ 202.3770,
-42.5839, -61.7206

■ 192.5360,
-50.5502, -73.2611

■ 212.2180,
-34.6175, -50.1802

■ 183.1080,
-58.2272, -84.2867

■ 221.6460,
-26.9405, -39.1545

■ 173.2670,
-66.1936, -95.8272

■ 231.4870,
-18.9741, -27.6141

■ 163.8390,
-73.8706, -106.8528

■ 240.9150,
-11.2971, -16.5885

■ 158.3560,
-78.0695, -113.4452

■ 250.6420, -3.7675,
-4.9480

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



213.9350, -75.3970, 9.7040



202.3770, -42.5839, -61.7206



171.5730, 10.0705, -150.4695

Triad

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



202.3770, -42.5839, -61.7206



173.4720, 40.1933, -152.1349



189.6080, -1.7787, 57.3488

Complementary

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



202.3770, -42.5839, -61.7206



168.6230, 42.5839, 61.7206

Split Complementary

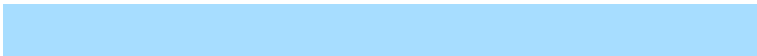
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



198.6480, 27.7815, 49.4207



202.3770, -42.5839, -61.7206



208.7300, 22.8111, -36.5972

Square

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



202.3770, -42.5839, -61.7206



178.7550, 37.5888, -156.7681



215.0840, 19.6786, 35.0063



195.6020, -39.7368, 52.0920

Rectangle

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



202.3770, -42.5839, -61.7206



177.7290, 33.6576, -155.8683



215.0840, 19.6786, 35.0063



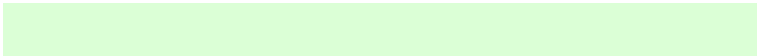
190.8110, 10.4462, 56.2938

Sweetspot

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



202.3770, -42.5839, -61.7206



239.5620, -12.6021, -18.0329



229.7620, -56.0847, 22.1337



118.5720, -7.6770, -11.0256



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.



202.3770, -42.5839, -61.7206



192.1230, -50.8396, -73.7759



203.6350, -17.0751, -76.8559



122.9300, -3.9095, -6.0776



118.6950, -58.5166, -84.8015



39.6610, -19.5529, -28.6437

Inverse Universe

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



168.6230, 42.5839, 61.7206



151.8770, 50.8396, 73.7759



167.3650, 17.0751, 76.8559



119.7710, 4.0569, 5.4628



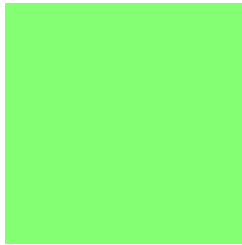
72.3050, 58.5166, 84.8015



24.0400, 19.7003, 28.0289

Previews

White Background



This preview shows how the YUV color 202.3770, -42.5839, -61.7206 looks on a white background.

Color Contrast Check

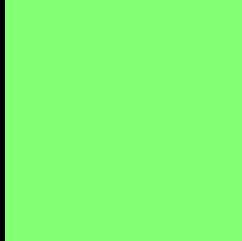
Large Text (above 18pt) WCAG AA × Fail

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 202.3770, -42.5839, -61.7206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

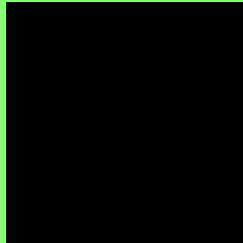
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

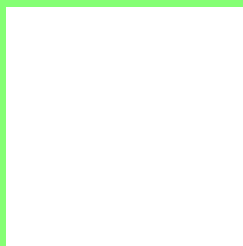
Any Text WCAG AAA ✓ Pass

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

YUV 202.3770, -42.5839, -61.7206 Background



This preview shows how black text looks on a background with the YUV color 202.3770, -42.5839, -61.7206.



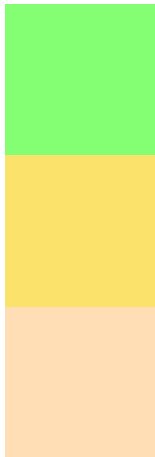
This preview shows how white text looks on a background with the YUV color 202.3770, -42.5839, -61.7206.

-61.7206.

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

202.3770, -42.5839, -61.7206

Protanopia

220.4960, -55.9535, 26.7520

Deuteranopia

226.6060, -22.4838, 24.9015



Tritanopia

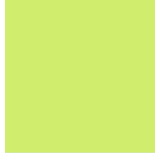
219.9050, 17.3018, -42.8897

Trichromacy



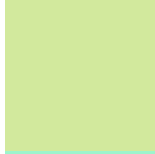
Original Color

202.3770, -42.5839, -61.7206



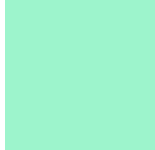
Protanomaly

213.8510, -51.1985, -5.1313



Deuteranomaly

217.4590, -29.8063, -6.5415



Tritanomaly

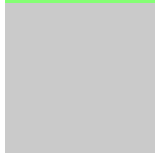
213.4270, -4.6475, -49.4865

Monochromacy



Original Color

202.3770, -42.5839, -61.7206



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.1440, -15.3540, -22.0513

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.3770, -42.5839, -61.7206 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(132, 255, 116)` looks like.

```
.text, #text, p{  
    color:rgb(132, 255, 116)  
}
```

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(132, 255, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 255, 116) }
```

Border

The CSS property to change the border of an element to YUV 202.3770, -42.5839, -61.7206 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(132, 255, 116) }
```


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

```
.border{ border-color:rgb(132, 255, 116) }
```

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

Here you see how a box with a 4 pixel rgb(132, 255, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 255, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 255, 116);  
box-shadow:4px 4px 4px 4px rgb(132, 255,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 202.3770, -42.5839, -61.7206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 255, 116) }
```

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

```
.background{ background-color: rgb(132,  
255, 116) }
```

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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