

Converting Colors

YUV(168.7950, -36.3809,
-44.5472)

Have a look what the booklet for
YUV(168.7950, -36.3809, -44.5472)
contains.

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Color

**YUV(168.7950, -36.3809,
-44.5472)**

Conversions

Conversions Part 1

Format	Color
Hex	76D15F
RGB	118, 209, 95
RGB Percent	46%, 82%, 37%
CMY	0.5373, 0.1804, 0.6275
CMYK	0.44, 0.00, 0.55, 0.18
HSL	108°, 55%, 60%
HSV	108°, 55%, 82%
XYZ	32.3372, 50.2787, 18.8269
YIQ	168.7950, -17.6420, -54.7460

Conversions

Conversions Part 2

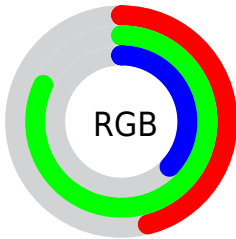
Format	Color
RYB	95, 209, 186
Decimal	7786847
CIELab	76.24, -48.53, 47.61
CIELCh	76, 67.989, 135.548
Yxy	50.2787, 0.3188, 0.4956
Android (android.graphics.Color)	4285976927 (0xFF76D15F)
YUV	168.7950, -36.3809, -44.5472
Hunter-Lab	70.9075, -42.6835, 33.8929

Details

The YUV color **168.7950, -36.3809, -44.5472** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **135.2050, 36.3809, 44.5472**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8820, -34.9448, -38.4845**, and **113.2400, -34.6283, -46.6915** is the 20% darker color. If you saturate the color by 10%, you get **161.3180, -43.0478, -52.8989**, and if you desaturate by 10%, it is **176.2720, -29.7141, -36.1955**.

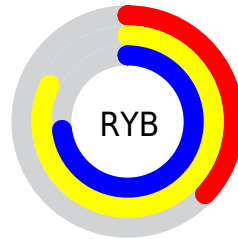
Distribution



Red (46%)

Green (82%)

Blue (37%)



Red (37%)

Yellow (82%)

Blue (73%)

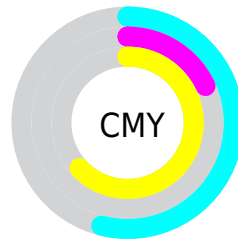


Cyan (44%)

Magenta (0%)

Yellow (55%)

Black (18%)



Cyan (54%)

Magenta (18%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7950, -36.3809, -44.5472 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 168.7950, -36.3809, -44.5472 by changing the saturation by 10% instead.

■ 168.7950,
-36.3809, -44.5472

■ 168.7950,
-36.3809, -44.5472

255.0000, 0.0000,
0.0000

■ 141.0230,
-35.5073, -44.7472

■ 218.8820,
-34.9448, -38.4845

■ 113.2400,
-34.6283, -46.6915

■ 230.7450,
-26.9893, -23.4554

■ 83.3920, -35.1963,
-51.2098

■ 242.6080,
-19.0337, -8.4262

■ 59.2870, -29.2285,
-51.9947

■ 252.3780,
-10.0464, 2.2995

■ 44.6120, -21.9937,
-39.1247

■ 31.1110, -15.3377,
-27.2843

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 168.7950,
-36.3809, -44.5472

■ 168.7950,
-36.3809, -44.5472

■ 161.3180,
-43.0478, -52.8989

■ 176.2720,
-29.7141, -36.1955

■ 154.1400,
-49.8620, -60.6358

■ 183.4500,
-22.8998, -28.4586

■ 146.6630,
-56.5289, -68.9875

■ 190.9270,
-16.2330, -20.1070

■ 139.1860,
-63.1957, -77.3391

■ 198.4040, -9.5662,
-11.7553

■ 135.2410,
-66.6738, -81.7724

■ 205.5820, -2.7519,
-4.0184

■ 212.9450, 3.4781,
4.4332

■ 220.4220, 10.1450,
12.7849

■ 226.8020, 13.9016,
21.2216

■ 227.9980, 13.3120,
23.6808

Harmonies

Analogous

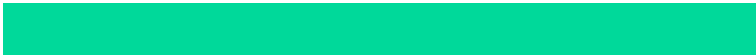
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177.5450, -60.4147, 10.9230



168.7950, -36.3809, -44.5472



144.9350, 4.4690, -127.1080

Triad

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



168.7950, -36.3809, -44.5472



148.8180, 52.3477, -130.5134



171.1540, -6.4849, 73.5329

Complementary

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



168.7950, -36.3809, -44.5472



135.2050, 36.3809, 44.5472

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.



180.6840, 19.8758, 65.1751



168.7950, -36.3809, -44.5472



176.5460, 38.6778, -39.0668

Square

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



168.7950, -36.3809, -44.5472



155.2750, 49.1644, -136.1762



190.8960, 31.6033, 36.9252



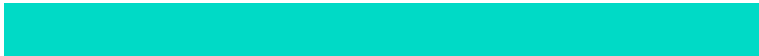
175.2220, -36.5914, 69.9653

Rectangle

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



168.7950, -36.3809, -44.5472



150.5380, 23.3988, -132.0218



190.8960, 31.6033, 36.9252



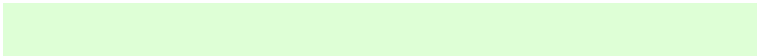
172.3740, 3.2666, 72.4630

Sweetspot

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



168.7950, -36.3809, -44.5472



240.4590, -13.0443, -16.1885



181.3290, -42.5602, 24.2675



119.1700, -7.9718, -9.7961



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.



168.7950, -36.3809, -44.5472



196.6080, -53.0507, -64.5542



165.5660, -19.0130, -61.8864



101.0550, -3.4781, -4.4332



108.7820, -53.6295, -65.5838



26.4590, -13.0443, -16.1885

Inverse Universe

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



135.2050, 36.3809, 44.5472



147.6910, 52.9033, 65.1690



138.4340, 19.0130, 61.8864



97.6460, 3.6255, 3.8185



59.2180, 53.6295, 65.5838



14.5410, 13.0443, 16.1885

Previews

White Background



This preview shows how the YUV color 168.7950, -36.3809, -44.5472 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 168.7950, -36.3809, -44.5472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

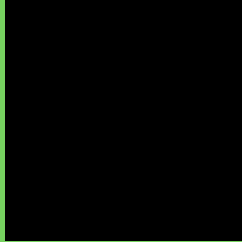
Any Text WCAG AA ✓ Pass

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 168.7950, -36.3809, -44.5472 Background



This preview shows how black text looks on a background with the YUV color 168.7950, -36.3809, -44.5472.



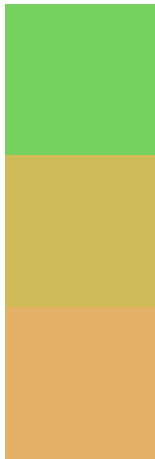
This preview shows how white text looks on a background with the YUV color 168.7950, -36.3809, -44.5472.

-44.5472.

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

168.7950, -36.3809, -44.5472

Protanopia

181.6940, -46.1911, 22.1934

Deuteranopia

184.4000, -40.1302, 38.2372



Tritanopia

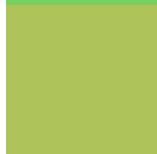
181.6670, 14.9542, -36.5420

Trichromacy



Original Color

168.7950, -36.3809, -44.5472



Protanomaly

177.1640, -42.4789, -1.8978



Deuteranomaly

178.5550, -38.7276, 8.2833



Tritanomaly

176.7210, -3.8065, -39.2203

Monochromacy



Original Color

168.7950, -36.3809, -44.5472



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.0460, -13.3337, -16.7033

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7950, -36.3809, -44.5472 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(118, 209, 95)` looks like.

```
.text, #text, p{  
    color:rgb(118, 209, 95)  
}
```

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(118, 209, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 209, 95) }
```

Border

The CSS property to change the border of an element to YUV 168.7950, -36.3809, -44.5472 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(118, 209, 95) }
```


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

```
.border{ border-color:rgb(118, 209, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 209, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 209, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 209, 95);  
box-shadow:4px 4px 4px 4px rgb(118, 209,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 168.7950, -36.3809, -44.5472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 209, 95) }
```

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

```
.background{ background-color: rgb(118,  
209, 95) }
```

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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