

Converting Colors

YUV(218.5460, -48.5832,
-3.9868)

Have a look what the booklet for
YUV(218.5460, -48.5832, -3.9868)
contains.

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Color

**YUV(218.5460, -48.5832,
-3.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F078
RGB	214, 240, 120
RGB Percent	84%, 94%, 47%
CMY	0.1608, 0.0588, 0.5294
CMYK	0.11, 0.00, 0.50, 0.06
HSL	73°, 80%, 71%
HSV	73°, 50%, 94%
XYZ	62.2818, 77.9724, 29.5369
YIQ	218.5460, 23.0240, -42.8320

Conversions

Conversions Part 2

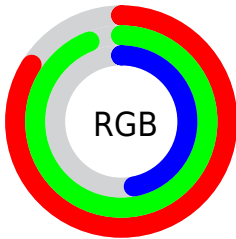
Format	Color
R_{YB}	120, 240, 146
Decimal	14086264
CIE _{Lab}	90.77, -25.92, 54.61
CIE _{LCh}	91, 60.450, 115.386
Yxy	77.9724, 0.3668, 0.4592
Android (android.graphics.Color)	4292276344 (0xFFD6F078)
YUV	218.5460, -48.5832, -3.9868
Hunter-Lab	88.3020, -28.6275, 41.9790

Details

The YUV color **218.5460, -48.5832, -3.9868** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **141.4540, 48.5832, 3.9868**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.8800, -34.9438, 7.9982**, and **162.5890, -47.1254, -4.9016** is the 20% darker color. If you saturate the color by 10%, you get **214.3150, -58.3293, -4.6613**, and if you desaturate by 10%, it is **222.7770, -38.8371, -3.3124**.

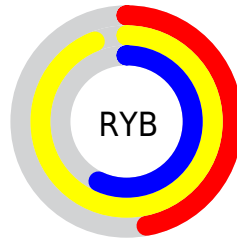
Distribution



Red (84%)

Green (94%)

Blue (47%)



Red (47%)

Yellow (94%)

Blue (57%)

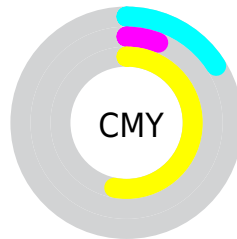


Cyan (11%)

Magenta (0%)

Yellow (50%)

Black (6%)



Cyan (16%)

Magenta (6%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.5460, -48.5832, -3.9868 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 218.5460, -48.5832, -3.9868 by changing the saturation by 10% instead.

■ 218.5460,
-48.5832, -3.9868

■ 218.5460,
-48.5832, -3.9868

255.0000, 0.0000,
0.0000

■ 190.3610,
-47.9990, -4.7016

■ 245.8800,
-34.9438, 7.9982

■ 162.5890,
-47.1254, -4.9016

■ 249.0720,
-22.7135, 5.1989

■ 135.4750,
-47.5622, -4.8016

■ 252.3780,
-10.0464, 2.2995

■ 107.9220,
-52.2195, -4.3166

■ 84.9460, -41.8784,
-7.8456

■ 62.7960, -30.9584,
-10.3451

■ 40.9230, -20.1750,

-15.7185

■ 21.7190, -10.7075,
-19.0476

■ 2.9350, -1.4470,
-2.5740

■ 218.5460,
-48.5832, -3.9868

■ 218.5460,
-48.5832, -3.9868

■ 214.3150,
-58.3293, -4.6613

■ 222.7770,
-38.8371, -3.3124

■ 210.0840,
-68.0754, -5.3357

■ 227.0080,
-29.0909, -2.6380

■ 205.5540,
-77.6741, -6.6249

■ 231.5380,
-19.4922, -1.3488

■ 201.3230,
-87.4202, -7.2993

■ 235.7690, -9.7461,
-0.6744

197.0920,
-97.1664, -7.9737

240.0000, 0.0000,
0.0000

243.2050, 5.8149,
1.5742

244.7000, 5.0779,
4.6481

246.1950, 4.3409,
7.7220

Harmonies

Analogous

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



219.0990, -53.7858, 31.4852



218.5460, -48.5832, -3.9868



209.2200, -24.2655, -57.1979

Triad

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



218.5460, -48.5832, -3.9868



176.4070, 38.7463, -154.7089



209.8520, 14.8630, 39.5948

Complementary

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



218.5460, -48.5832, -3.9868



141.4540, 48.5832, 3.9868

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.



219.7800, 17.3635, 30.8879



218.5460, -48.5832, -3.9868



199.2850, 27.4675, -83.5649

Square

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



218.5460, -48.5832, -3.9868



178.7550, 37.5888, -156.7681



221.9300, 16.3035, -2.5696



205.0010, -11.3395, 43.8491

Rectangle

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



218.5460, -48.5832, -3.9868



194.8670, 1.0516, -104.2464



221.9300, 16.3035, -2.5696



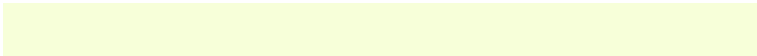
213.3230, 20.5468, 36.5507

Sweetspot

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



218.5460, -48.5832, -3.9868



248.2760, -15.4191, -1.1191



171.1420, -25.2130, 60.3885



123.8830, -9.3093, -0.7744



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.



218.5460, -48.5832, -3.9868



227.6910, -61.9657, -4.9910



200.6060, -39.7388, -40.8735



117.7350, -4.7994, -0.6446



151.0640, -74.4746, -6.1951



46.0280, -22.6918, -1.7786

Inverse Universe

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



141.4540, 48.5832, 3.9868



129.3090, 61.9657, 4.9910



159.3940, 39.7388, 40.8735



109.9660, 4.9468, 0.0298



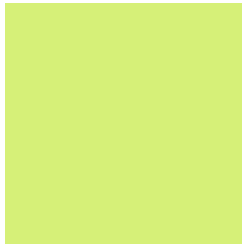
32.9360, 74.4746, 6.1951



9.9720, 22.6918, 1.7786

Previews

White Background



This preview shows how the YUV color 218.5460, -48.5832, -3.9868 looks on a white background.

Color Contrast Check

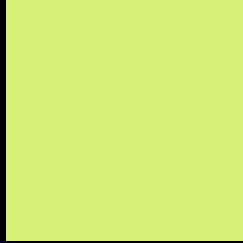
Large Text (above 18pt) WCAG AA × Fail

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 218.5460, -48.5832, -3.9868 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 218.5460, -48.5832, -3.9868

Background



This preview shows how black text looks on a background with the YUV color 218.5460, -48.5832, -3.9868.



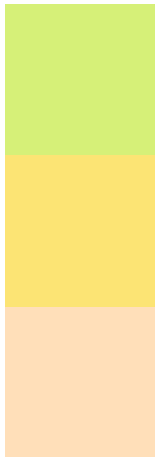
This preview shows how white text looks on a background with the YUV color 218.5460, -48.5832, -3.9868.

-3.9868.

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

218.5460, -48.5832, -3.9868

Protanopia

222.4080, -52.4591, 25.9522

Deuteranopia

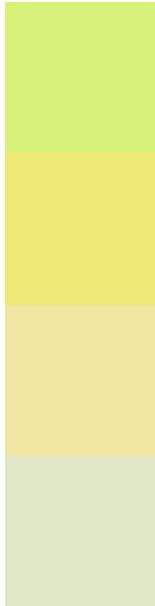
228.2360, -21.3153, 23.4720



Tritanopia

228.9490, 7.4201, 0.0447

Trichromacy



Original Color

218.5460, -48.5832, -3.9868

Protanomaly

220.6840, -51.1162, 15.1861

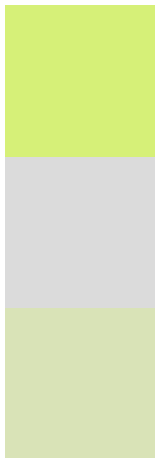
Deuteranomaly

224.5370, -31.3237, 13.5611

Tritanomaly

225.2590, -12.9457, -1.1041

Monochromacy



Original Color

218.5460, -48.5832, -3.9868

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.9940, -17.7450, -1.7487

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.5460, -48.5832, -3.9868 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(214, 240, 120)` looks like.

```
.text, #text, p{  
    color:rgb(214, 240, 120)  
}
```

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(214, 240, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 240, 120) }
```

Border

The CSS property to change the border of an element to YUV 218.5460, -48.5832, -3.9868 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(214, 240, 120) }
```


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

```
.border{ border-color:rgb(214, 240, 120) }
```

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

Here you see how a box with a 4 pixel rgb(214, 240, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 240, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 240, 120);  
box-shadow:4px 4px 4px 4px rgb(214, 240,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 218.5460, -48.5832, -3.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 240, 120) }
```

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

```
.background{ background-color: rgb(214,  
240, 120) }
```

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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