

Converting Colors

YUV(218.9540, -50.7563,
-6.9757)

Have a look what the booklet for
YUV(218.9540, -50.7563, -6.9757)
contains.

YUV(218.9540, -50.7563, -6.9757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(218.9540, -50.7563,
-6.9757)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F374
RGB	211, 243, 116
RGB Percent	83%, 95%, 45%
CMY	0.1725, 0.0471, 0.5451
CMYK	0.13, 0.00, 0.52, 0.05
HSL	75°, 84%, 70%
HSV	75°, 52%, 95%
XYZ	62.0669, 79.2110, 28.5410
YIQ	218.9540, 21.6950, -46.2810

Conversions

Conversions Part 2

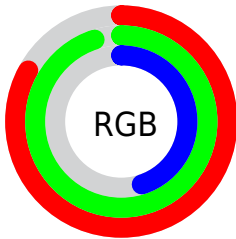
Format	Color
RYB	116, 243, 148
Decimal	13890420
CIELab	91.33, -28.84, 57.05
CIELCh	91, 63.929, 116.816
Yxy	79.2110, 0.3655, 0.4664
Android (android.graphics.Color)	4292080500 (0xFFD3F374)
YUV	218.9540, -50.7563, -6.9757
Hunter-Lab	89.0006, -31.2692, 43.2871

Details

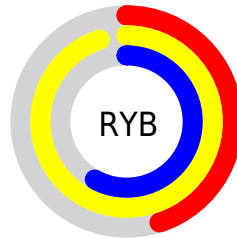
The YUV color **218.9540, -50.7563, -6.9757** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **140.0460, 50.7563, 6.9757**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4240, -36.6910, 8.3982**, and **162.8830, -49.7353, -7.7904** is the 20% darker color. If you saturate the color by 10%, you get **214.4240, -60.3550, -8.2648**, and if you desaturate by 10%, it is **223.4840, -41.1576, -5.6865**.

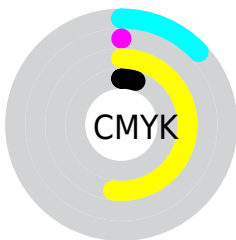
Distribution



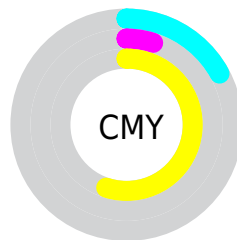
- Red (83%)
- Green (95%)
- Blue (45%)



- Red (45%)
- Yellow (95%)
- Blue (58%)



- Cyan (13%)
- Magenta (0%)
- Yellow (52%)
- Black (5%)



- Cyan (17%)
- Magenta (5%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.9540, -50.7563, -6.9757 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 218.9540, -50.7563, -6.9757 by changing the saturation by 10% instead.

■ 218.9540,
-50.7563, -6.9757

■ 218.9540,
-50.7563, -6.9757

255.0000, 0.0000,
0.0000

■ 190.7690,
-50.1721, -7.6904

■ 245.4240,
-36.6910, 8.3982

■ 162.8830,
-49.7353, -7.7904

■ 248.6160,
-24.4607, 5.5988

■ 135.3560,
-50.4615, -8.2052

■ 251.9220,
-11.7935, 2.6994

■ 107.6720,
-53.0823, -7.6053

■ 85.2230, -42.0149,
-10.7196

■ 63.3610, -31.2370,
-14.3486

■ 40.3030, -19.8694,

-20.4367

■ 22.3060, -10.9969,
-19.5624

■ 5.2830, -2.6045,
-4.6332

■ 218.9540,
-50.7563, -6.9757

■ 218.9540,
-50.7563, -6.9757

■ 214.4240,
-60.3550, -8.2648

■ 223.4840,
-41.1576, -5.6865

■ 209.7800,
-70.3905, -9.4541

■ 228.1280,
-31.1221, -4.4973

■ 205.2500,
-79.9892, -10.7432

■ 232.6580,
-21.5234, -3.2081

■ 200.7200,
-89.5880, -12.0324

■ 237.1880,
-11.9247, -1.9189

■ 197.0590,
-97.1501, -13.2067

■ 242.0170, -2.4734,
-0.0149

■ 245.8630, 4.5045,
1.8741

■ 247.6570, 3.6201,
5.5628

■ 247.9560, 3.4727,
6.1776

Harmonies

Analogous

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



220.1760, -57.2748, 30.5406



218.9540, -50.7563, -6.9757



208.2900, -23.8070, -64.2753

Triad

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



218.9540, -50.7563, -6.9757



177.5810, 38.1676, -155.7385



208.5640, 15.0049, 40.7244

Complementary

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



218.9540, -50.7563, -6.9757



140.0460, 50.7563, 6.9757

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.



218.6060, 17.9422, 31.9175



218.9540, -50.7563, -6.9757



198.3660, 27.9206, -88.8980

Square

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



218.9540, -50.7563, -6.9757



178.7550, 37.5888, -156.7681



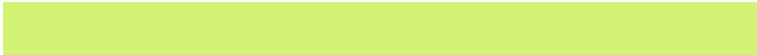
223.4250, 15.5665, 0.5043



203.9580, -12.7973, 44.7638

Rectangle

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



218.9540, -50.7563, -6.9757



186.2390, 6.7842, -122.9896



223.4250, 15.5665, 0.5043



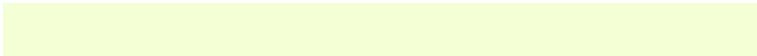
212.1490, 21.1255, 37.5803

Sweetspot

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



218.9540, -50.7563, -6.9757



247.3360, -16.4346, -2.0487



172.7570, -27.9812, 61.6031



123.0570, -9.8881, -1.8040



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.



218.9540, -50.7563, -6.9757



224.6860, -64.4282, -8.4946



200.1170, -41.4697, -45.7066



119.7350, -4.7994, -0.6446



150.7430, -74.3163, -10.2986



47.7890, -23.5600, -3.3230

Inverse Universe

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



140.0460, 50.7563, 6.9757



124.6130, 64.2808, 9.1094



158.8830, 41.4697, 45.7066



112.2650, 4.7994, 0.6446



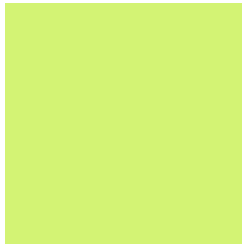
35.2570, 74.3163, 10.2986



11.2110, 23.5600, 3.3230

Previews

White Background



This preview shows how the YUV color 218.9540, -50.7563, -6.9757 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 218.9540, -50.7563, -6.9757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

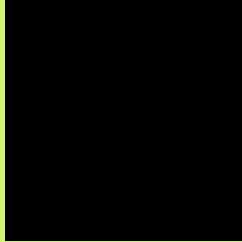
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.9540, -50.7563, -6.9757

Background



This preview shows how black text looks on a background with the YUV color 218.9540, -50.7563, -6.9757.



This preview shows how white text looks on a background with the YUV color 218.9540, -50.7563, -6.9757.

-6.9757.

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

218.9540, -50.7563, -6.9757

Protanopia

223.7240, -55.0799, 26.5521

Deuteranopia

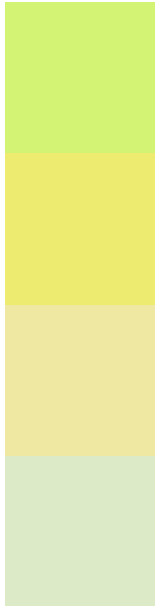
229.8660, -20.1469, 22.0425



Tritanopia

230.4540, 8.1572, -3.0292

Trichromacy



Original Color

218.9540, -50.7563, -6.9757

Protanomaly

221.9890, -53.7316, 14.0416

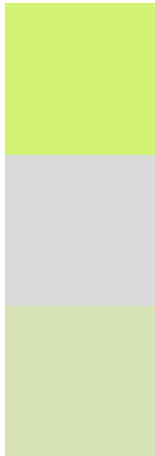
Deuteranomaly

226.1130, -31.6077, 11.3019

Tritanomaly

226.1230, -13.3716, -4.4929

Monochromacy



Original Color

218.9540, -50.7563, -6.9757

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.1680, -18.3238, -2.7783

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.9540, -50.7563, -6.9757 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(211, 243, 116)` looks like.

```
.text, #text, p{  
    color:rgb(211, 243, 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(211, 243, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 243, 116) }
```

Border

The CSS property to change the border of an element to YUV 218.9540, -50.7563, -6.9757 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(211, 243, 116) }
```


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

```
.border{ border-color:rgb(211, 243, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 243, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 243, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 243, 116);  
box-shadow:4px 4px 4px 4px rgb(211, 243,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 218.9540, -50.7563, -6.9757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 243, 116) }
```

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

```
.background{ background-color: rgb(211,  
243, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor