

Converting Colors

YUV(221.7560, -47.2077,
-25.2190)

Have a look what the booklet for
YUV(221.7560, -47.2077, -25.2190)
contains.

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Color

**YUV(221.7560, -47.2077,
-25.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FF7E
RGB	193, 255, 126
RGB Percent	76%, 100%, 49%
CMY	0.2431, 0.0000, 0.5059
CMYK	0.24, 0.00, 0.51, 0.00
HSL	89°, 100%, 75%
HSV	89°, 51%, 100%
XYZ	61.5182, 84.3638, 32.7802
YIQ	221.7560, 4.4570, -53.2630

Conversions

Conversions Part 2

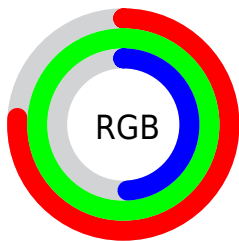
Format	Color
RYB	126, 255, 188
Decimal	12713854
CIELab	93.61, -39.94, 54.94
CIELCh	94, 67.923, 126.021
Yxy	84.3638, 0.3443, 0.4722
Android (android.graphics.Color)	4290903934 (0xFFC1FF7E)
YUV	221.7560, -47.2077, -25.2190
Hunter-Lab	91.8498, -41.1832, 43.1349

Details

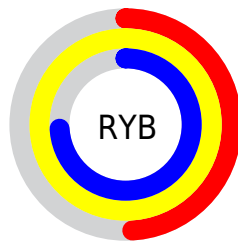
The YUV color **221.7560, -47.2077, -25.2190** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **159.2440, 47.2077, 25.2190**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.6670, -31.8808, 5.5540**, and **165.0980, -45.8973, -25.5189** is the 20% darker color. If you saturate the color by 10%, you get **215.3180, -56.3588, -30.0969**, and if you desaturate by 10%, it is **228.3080, -37.6198, -20.4411**.

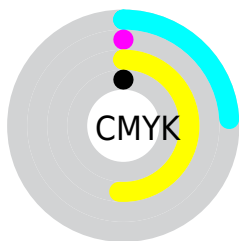
Distribution



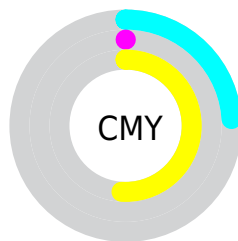
- Red (76%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (74%)



- Cyan (24%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.7560, -47.2077, -25.2190 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 221.7560, -47.2077, -25.2190 by changing the saturation by 10% instead.

■ 221.7560,
-47.2077, -25.2190

■ 221.7560,
-47.2077, -25.2190

255.0000, 0.0000,
0.0000

■ 192.9840,
-46.3341, -25.4190

■ 245.6670,
-31.8808, 5.5540

■ 165.0980,
-45.8973, -25.5189

■ 249.8700,
-19.6559, 4.4990

■ 137.5110,
-45.6079, -25.0041

■ 253.1760, -6.9888,
1.5996

■ 109.8870,
-49.2443, -25.3339

■ 85.1130, -41.9607,
-28.1631

■ 60.5820, -29.8669,
-33.8364

■ 39.9160, -19.6786,

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 12.3270, -6.0772,
-10.8108

■ 221.7560,
-47.2077, -25.2190

■ 221.7560,
-47.2077, -25.2190

■ 215.3180,
-56.3588, -30.0969

■ 228.3080,
-37.6198, -20.4411

■ 208.4670,
-65.7992, -35.4896

■ 235.0450,
-28.6162, -14.9485

■ 201.9150,
-75.3871, -40.2675

■ 241.5970,
-19.0283, -10.1706

■ 195.4770,
-84.5382, -45.1453

■ 248.0350, -9.8773,
-5.2927

■ 189.1530,
-93.2524, -50.1232

254.5870, -0.2894,
-0.5148

255.0000, 0.0000,
0.0000

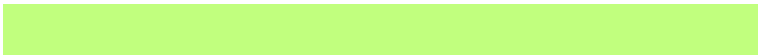
Harmonies

Analogous

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



226.7640, -62.4947, 24.7630



221.7560, -47.2077, -25.2190



199.6210, -9.1802, -89.1216

Triad

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



221.7560, -47.2077, -25.2190



178.7550, 37.5888, -156.7681



207.6690, 9.0372, 41.5093

Complementary

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



221.7560, -47.2077, -25.2190



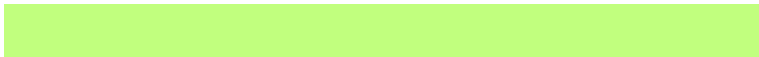
159.2440, 47.2077, 25.2190

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.



216.8450, 18.8104, 33.4619



221.7560, -47.2077, -25.2190



212.1200, 21.1398, -60.6182

Square

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



221.7560, -47.2077, -25.2190



178.7550, 37.5888, -156.7681



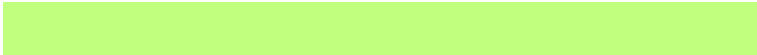
230.9330, 11.8650, 21.1068



206.9440, -21.6644, 42.1451

Rectangle

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



221.7560, -47.2077, -25.2190



175.3350, 24.4848, -153.7688



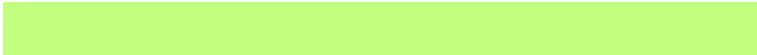
230.9330, 11.8650, 21.1068



210.7640, 18.3573, 38.7950

Sweetspot

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



221.7560, -47.2077, -25.2190



245.2860, -13.9450, -7.2668



199.7910, -36.3790, 48.4183



121.7900, -8.2775, -5.0778



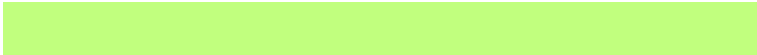
0.0000, 0.0000, 0.0000



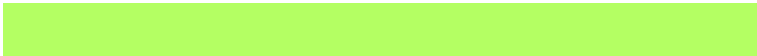
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.7560, -47.2077, -25.2190



214.7910, -57.0850, -30.5117



202.9190, -37.9211, -63.9500



124.4250, -4.6465, -3.0037



141.7180, -69.8670, -37.4637



47.4350, -23.3855, -12.6595

Inverse Universe

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



159.2440, 47.2077, 25.2190



139.2090, 57.0850, 30.5117



178.0810, 37.9211, 63.9500



118.2760, 4.7939, 2.3889



49.2820, 69.8670, 37.4637



16.5650, 23.3855, 12.6595

Previews

White Background



This preview shows how the YUV color 221.7560, -47.2077, -25.2190 looks on a white background.

Color Contrast Check

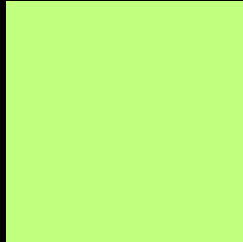
Large Text (above 18pt) WCAG AA × Fail

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 221.7560, -47.2077, -25.2190 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

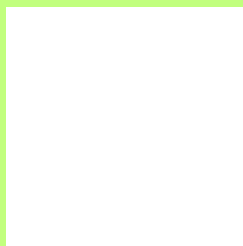
Any Text WCAG AAA ✓ Pass

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

YUV 221.7560, -47.2077, -25.2190 Background



This preview shows how black text looks on a background with the YUV color 221.7560, -47.2077, -25.2190.



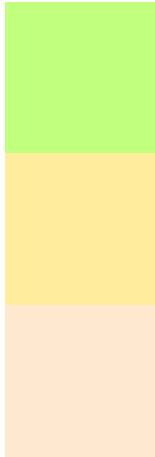
This preview shows how white text looks on a background with the YUV color 221.7560, -47.2077, -25.2190.

-25.2190.

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

221.7560, -47.2077, -25.2190

Protanopia

232.5610, -37.7446, 19.6790

Deuteranopia

236.1410, -13.8735, 16.5393



Tritanopia

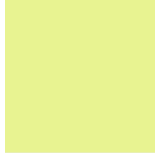
234.2460, 10.2317, -15.1247

Trichromacy



Original Color

221.7560, -47.2077, -25.2190



Protanomaly

228.5390, -41.1847, 3.0353



Deuteranomaly

230.5400, -25.9022, 1.2804



Tritanomaly

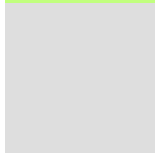
229.7190, -10.7075, -19.0476

Monochromacy



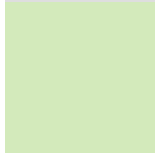
Original Color

221.7560, -47.2077, -25.2190



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

221.7650, -17.1391, -9.4409

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.7560, -47.2077, -25.2190 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(193, 255, 126)` looks like.

```
.text, #text, p{  
    color:rgb(193, 255, 126)  
}
```

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(193, 255, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 126) }
```

Border

The CSS property to change the border of an element to YUV 221.7560, -47.2077, -25.2190 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(193, 255, 126) }
```


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

```
.border{ border-color:rgb(193, 255, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 255, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 255, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 255, 126); box-shadow:4px 4px 4px 4px rgb(193, 255, 126) }
```

Background

The CSS property to change the background color of an element to YUV 221.7560, -47.2077, -25.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 126) }
```

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

```
.background{ background-color: rgb(193,  
255, 126) }
```

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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