

Converting Colors

YUV(227.5620, -66.3391,
-2.2469)

Have a look what the booklet for
YUV(227.5620, -66.3391, -2.2469)
contains.

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Color

**YUV(227.5620, -66.3391,
-2.2469)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FF5D
RGB	225, 255, 93
RGB Percent	88%, 100%, 36%
CMY	0.1176, 0.0000, 0.6353
CMYK	0.12, 0.00, 0.64, 0.00
HSL	71°, 100%, 68%
HSV	71°, 64%, 100%
XYZ	68.7871, 88.3179, 23.7775
YIQ	227.5620, 34.1220, -56.7420

Conversions

Conversions Part 2

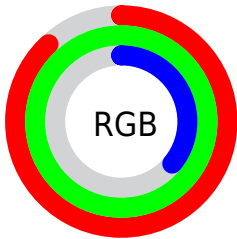
Format	Color
R _Y B	93, 255, 123
Decimal	14810973
CIE Lab	95.29, -30.81, 71.45
CIE LCh	95, 77.808, 113.325
Yxy	88.3179, 0.3803, 0.4883
Android (android.graphics.Color)	4293001053 (0xFFE1FF5D)
YUV	227.5620, -66.3391, -2.2469
Hunter-Lab	93.9776, -33.8073, 50.7832

Details

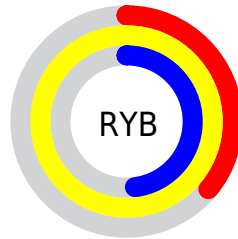
The YUV color **227.5620, -66.3391, -2.2469** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **120.4380, 66.3391, 2.2469**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0300, -45.8638, 10.4977**, and **169.1660, -69.1018, -2.7766** is the 20% darker color. If you saturate the color by 10%, you get **223.1030, -76.9588, -2.7213**, and if you desaturate by 10%, it is **232.0210, -55.7194, -1.7724**.

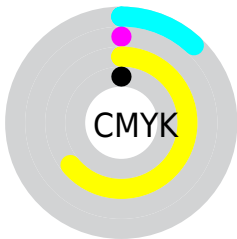
Distribution



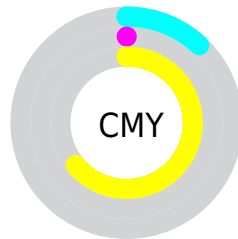
- Red (88%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (48%)



- Cyan (12%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.5620, -66.3391, -2.2469 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 227.5620, -66.3391, -2.2469 by changing the saturation by 10% instead.

227.5620,
-66.3391, -2.2469

227.5620,
-66.3391, -2.2469

255.0000, 0.0000,
0.0000

198.2630,
-66.1917, -2.8617

243.0300,
-45.8638, 10.4977

169.1660,
-69.1018, -2.7766

246.2220,
-33.6334, 7.6983

141.6390,
-69.8280, -3.1914

249.5280,
-20.9663, 4.7989

117.4180,
-57.8871, -6.5056

252.9480, -7.8624,
1.7996

94.3710, -46.5249,
-10.8494

71.3240, -35.1627,
-15.1931

48.2660, -23.7951,

-21.2813

■ 27.5890, -13.6014,
-24.1956

■ 15.8490, -7.8136,
-13.8996

■ 227.5620,
-66.3391, -2.2469

■ 227.5620,
-66.3391, -2.2469

■ 223.1030,
-76.9588, -2.7213

■ 232.0210,
-55.7194, -1.7724

■ 219.0570,
-87.2891, -2.6810

■ 236.0670,
-45.3890, -1.8128

■ 214.5980,
-97.9088, -3.1554

■ 240.5260,
-34.7693, -1.3383

■ 211.8770,
-104.4554, -3.4001

■ 244.8710,
-24.5864, -0.7639

249.3300,
-13.9667, -0.2894

253.3760, -3.6364,
-0.3298

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.



221.8910, -68.4733, 29.0366



227.5620, -66.3391, -2.2469



205.3130, -28.7483, -66.0495

Triad

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



227.5620, -66.3391, -2.2469



178.7550, 37.5888, -156.7681



208.0400, 23.1513, 41.1839

Complementary

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



227.5620, -66.3391, -2.2469



120.4380, 66.3391, 2.2469

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.



220.9540, 16.7847, 29.8583



227.5620, -66.3391, -2.2469



178.7550, 37.5888, -156.7681

Square

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



227.5620, -66.3391, -2.2469



178.7550, 37.5888, -156.7681



227.1910, 13.7098, -10.6915



201.9350, -7.8560, 46.5380

Rectangle

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



227.5620, -66.3391, -2.2469



172.0290, 11.8177, -150.8694



227.1910, 13.7098, -10.6915



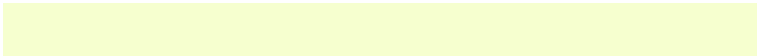
210.9750, 21.7043, 38.6099

Sweetspot

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



227.5620, -66.3391, -2.2469



246.8370, -19.6396, -0.7340



159.0480, -32.5617, 84.1499



122.7860, -12.2195, -0.6893



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.



227.5620, -66.3391, -2.2469



222.1200, -79.4322, -2.7362



203.3430, -54.3991, -52.0438



125.6210, -5.2362, -0.5446



158.7610, -78.2692, -2.4214



53.1160, -26.1862, -0.9787

Inverse Universe

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



120.4380, 66.3391, 2.2469



93.8800, 79.4322, 2.7362



144.6570, 54.3991, 52.0438



117.0800, 5.3836, -0.0702



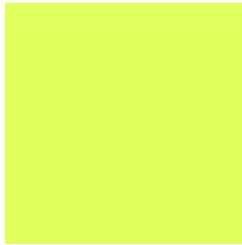
32.2390, 78.2692, 2.4214



10.8840, 26.1862, 0.9787

Previews

White Background



This preview shows how the YUV color 227.5620, -66.3391, -2.2469 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 227.5620, -66.3391, -2.2469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

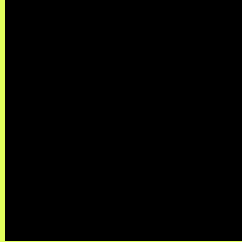
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.5620, -66.3391, -2.2469

Background



This preview shows how black text looks on a background with the YUV color 227.5620, -66.3391, -2.2469.



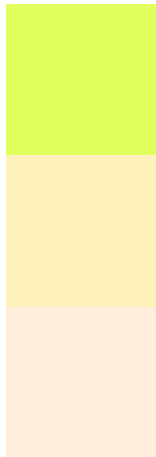
This preview shows how white text looks on a background with the YUV color 227.5620, -66.3391, -2.2469.

-2.2469.

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

227.5620, -66.3391, -2.2469

Protanopia

239.0300, -25.6508, 14.0057

Deuteranopia

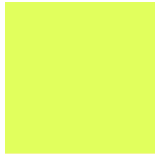
241.0310, -10.3683, 12.2508



Tritanopia

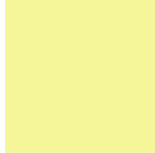
241.7210, 6.5465, 0.2447

Trichromacy



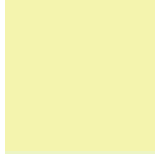
Original Color

227.5620, -66.3391, -2.2469



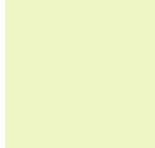
Protanomaly

234.8000, -40.3274, 8.0684



Deuteranomaly

236.0200, -30.5759, 6.9985



Tritanomaly

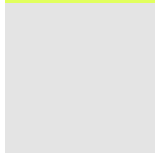
236.7230, -20.0764, -0.6341

Monochromacy



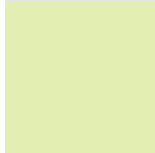
Original Color

227.5620, -66.3391, -2.2469



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

227.9850, -24.1496, -0.8638

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.5620, -66.3391, -2.2469 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(225, 255, 93)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 93)  
}
```

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(225, 255, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 93) }
```

Border

The CSS property to change the border of an element to YUV 227.5620, -66.3391, -2.2469 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(225, 255, 93) }
```


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

```
.border{ border-color:rgb(225, 255, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 93);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 227.5620, -66.3391, -2.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 93) }
```

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

```
.background{ background-color: rgb(225,  
255, 93) }
```

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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