

Converting Colors

YUV(224.6000, -67.3438,
-6.6652)

Have a look what the booklet for
YUV(224.6000, -67.3438, -6.6652)
contains.

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Color

**YUV(224.6000, -67.3438,
-6.6652)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FF58
RGB	217, 255, 88
RGB Percent	85%, 100%, 35%
CMY	0.1490, 0.0000, 0.6549
CMYK	0.15, 0.00, 0.65, 0.00
HSL	74°, 100%, 67%
HSV	74°, 65%, 100%
XYZ	66.1367, 86.9763, 22.5348
YIQ	224.6000, 30.9590, -59.9930

Conversions

Conversions Part 2

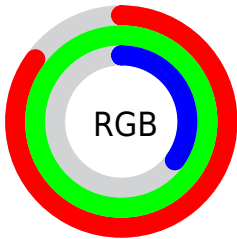
Format	Color
R _Y B	88, 255, 126
Decimal	14286680
CIE Lab	94.73, -34.21, 72.61
CIE LCh	95, 80.263, 115.226
Yxy	86.9763, 0.3765, 0.4952
Android (android.graphics.Color)	4292476760 (0xFFD9FF58)
YUV	224.6000, -67.3438, -6.6652
Hunter-Lab	93.2611, -36.6224, 50.9564

Details

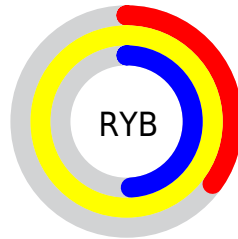
The YUV color **224.6000, -67.3438, -6.6652** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **118.4000, 67.3438, 6.6652**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4600, -48.0478, 10.9976**, and **165.9330, -72.4380, -6.0802** is the 20% darker color. If you saturate the color by 10%, you get **219.9560, -77.3793, -7.8544**, and if you desaturate by 10%, it is **229.3580, -56.8715, -5.5760**.

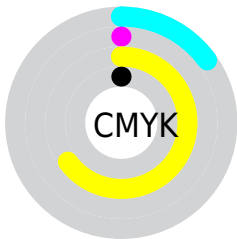
Distribution



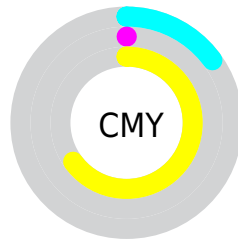
- Red (85%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (49%)



- Cyan (15%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.6000, -67.3438, -6.6652 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 224.6000, -67.3438, -6.6652 by changing the saturation by 10% instead.

224.6000,
-67.3438, -6.6652

224.6000,
-67.3438, -6.6652

255.0000, 0.0000,
0.0000

195.4860,
-67.7806, -6.5652

242.4600,
-48.0478, 10.9976

165.9330,
-72.4380, -6.0802

245.7660,
-35.3806, 8.0982

139.2470,
-68.6488, -8.1096

249.0720,
-22.7135, 5.1989

115.0260,
-56.7078, -11.4238

252.3780,
-10.0464, 2.2995

91.3920, -45.0563,
-15.2528

68.0460, -33.5467,
-20.2113

44.0800, -21.7314,

-29.8882

■ 27.5890, -13.6014,
-24.1956

■ 14.6750, -7.2348,
-12.8700

■ 224.6000,
-67.3438, -6.6652

■ 224.6000,
-67.3438, -6.6652

■ 219.9560,
-77.3793, -7.8544

■ 229.3580,
-56.8715, -5.5760

■ 215.1980,
-87.8516, -8.9436

■ 234.0020,
-46.8360, -4.3868

■ 210.8530,
-98.0345, -9.5181

■ 238.4610,
-36.2163, -3.9123

■ 208.5880,
-102.8339, -10.1627

■ 243.1050,
-26.1808, -2.7231

■ 247.8630,
-15.7085, -1.6339

■ 252.5070, -5.6730,
-0.4446

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.



220.7510, -72.8412, 30.0364



224.6000, -67.3438, -6.6652



200.8280, -26.5372, -75.2712

Triad

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



224.6000, -67.3438, -6.6652



178.7550, 37.5888, -156.7681



205.1050, 24.5982, 43.7579

Complementary

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



224.6000, -67.3438, -6.6652



118.4000, 67.3438, 6.6652

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.



218.0190, 18.2316, 32.4323



224.6000, -67.3438, -6.6652



176.9940, 38.4570, -155.2237

Square

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



224.6000, -67.3438, -6.6652



178.7550, 37.5888, -156.7681



226.3380, 14.1304, -5.5584



199.2620, -10.4822, 48.8822

Rectangle

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



224.6000, -67.3438, -6.6652



172.2570, 12.6913, -151.0694



226.3380, 14.1304, -5.5584



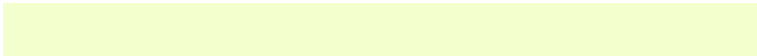
208.0400, 23.1513, 41.1839

Sweetspot

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



224.6000, -67.3438, -6.6652



245.5980, -20.5078, -2.2784



159.0650, -35.0350, 84.1350



122.3730, -12.5089, -1.2041



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.



224.6000, -67.3438, -6.6652



218.3320, -81.0157, -8.1842



200.0820, -55.2564, -57.0769



125.6210, -5.2362, -0.5446



156.3690, -77.0899, -7.3396



52.2190, -25.7440, -2.8231

Inverse Universe

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



118.4000, 67.3438, 6.6652



90.3690, 81.1631, 7.5694



142.9180, 55.2564, 57.0769



117.3790, 5.2362, 0.5446



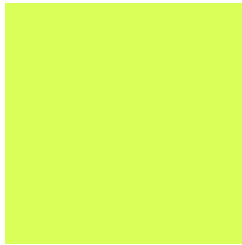
34.9300, 76.9425, 7.9544



11.7810, 25.7440, 2.8231

Previews

White Background



This preview shows how the YUV color 224.6000, -67.3438, -6.6652 looks on a white background.

Color Contrast Check

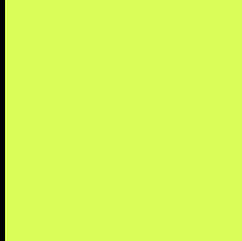
Large Text (above 18pt) WCAG AA × Fail

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 224.6000, -67.3438, -6.6652 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 224.6000, -67.3438, -6.6652 Background



This preview shows how black text looks on a background with the YUV color 224.6000, -67.3438, -6.6652.



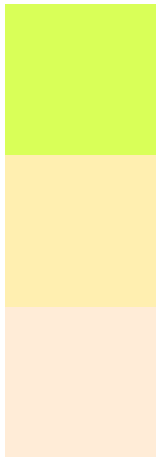
This preview shows how white text looks on a background with the YUV color 224.6000, -67.3438, -6.6652.

-6.6652.

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

224.6000, -67.3438, -6.6652

Protanopia

236.6020, -29.8768, 16.1350

Deuteranopia

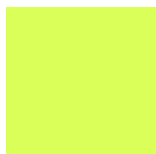
239.2870, -11.9735, 13.7803



Tritanopia

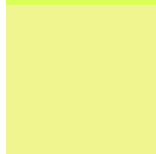
239.9270, 7.4310, -3.4440

Trichromacy



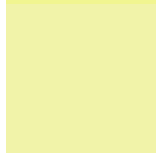
Original Color

224.6000, -67.3438, -6.6652



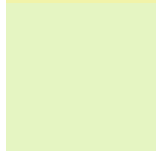
Protanomaly

232.2900, -43.5270, 7.6387



Deuteranomaly

233.9660, -32.0282, 6.1688



Tritanomaly

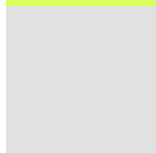
234.4020, -19.9182, -4.7376

Monochromacy



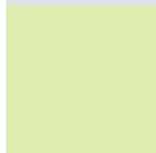
Original Color

224.6000, -67.3438, -6.6652



Achromatopsia

225.0000, 0.0000, 0.0000



Achromatomaly

224.8600, -24.5810, -2.5082

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.6000, -67.3438, -6.6652 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(217, 255, 88)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 88)  
}
```

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(217, 255, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 88) }
```

Border

The CSS property to change the border of an element to YUV 224.6000, -67.3438, -6.6652 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(217, 255, 88) }
```


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

```
.border{ border-color:rgb(217, 255, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 255, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 88);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 224.6000, -67.3438, -6.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 88) }
```

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

```
.background{ background-color: rgb(217,  
255, 88) }
```

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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