

Converting Colors

YUV(235.4370, -63.3194,
9.2638)

Have a look what the booklet for
YUV(235.4370, -63.3194, 9.2638)
contains.

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Color

**YUV(235.4370, -63.3194,
9.2638)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FF6B
RGB	246, 255, 107
RGB Percent	96%, 100%, 42%
CMY	0.0353, 0.0000, 0.5804
CMYK	0.04, 0.00, 0.58, 0.00
HSL	64°, 100%, 71%
HSV	64°, 58%, 100%
XYZ	76.4199, 92.1744, 27.6736
YIQ	235.4370, 42.1440, -47.9360

Conversions

Conversions Part 2

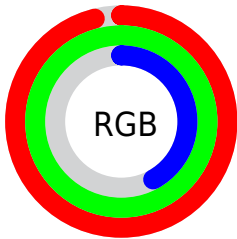
Format	Color
RYB	107, 255, 116
Decimal	16187243
CIELab	96.89, -21.67, 67.95
CIELCh	97, 71.324, 107.684
Yxy	92.1744, 0.3894, 0.4696
Android (android.graphics.Color)	4294377323 (0xFFFF6FF6B)
YUV	235.4370, -63.3194, 9.2638
Hunter-Lab	96.0075, -25.9310, 50.1152

Details

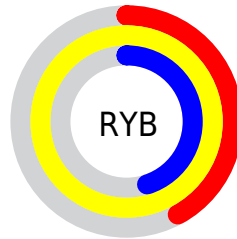
The YUV color $235.4370, -63.3194, 9.2638$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $126.5630, 63.3194, -9.2638$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.5120, -40.1854, 9.1980$, and $177.7250, -63.4614, 8.1342$ is the 20% darker color. If you saturate the color by 10%, you get $231.9890, -73.9446, 10.5336$, and if you desaturate by 10%, it is $238.9990, -52.2575, 7.8939$.

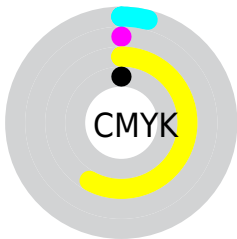
Distribution



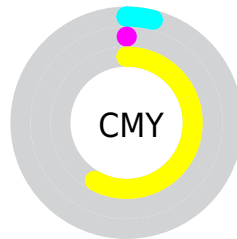
- Red (96%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (45%)



- Cyan (4%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.4370, -63.3194, 9.2638 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 235.4370, -63.3194, 9.2638 by changing the saturation by 10% instead.

 235.4370,
-63.3194, 9.2638

 235.4370,
-63.3194, 9.2638

255.0000, 0.0000,
0.0000


 206.2520,
-62.7352, 8.5490


 244.5120,
-40.1854, 9.1980

 177.7250,
-63.4614, 8.1342


 247.8180,
-27.5183, 6.2986


 148.4170,
-69.7186, 8.4043

 251.1240,
-14.8511, 3.3993

 123.9850,
-61.1246, 5.2752

 254.4300, -2.1840,
0.4999

 100.3510,
-49.4730, 1.4462

 77.6030, -38.2583,
-2.2828

 56.0290, -27.6223,

-7.0414

■ 34.4550, -16.9863,
-11.8000

■ 17.0230, -8.3923,
-14.9292

■ 235.4370,
-63.3194, 9.2638

■ 235.4370,
-63.3194, 9.2638

■ 231.9890,
-73.9446, 10.5336

■ 238.9990,
-52.2575, 7.8939

■ 228.7260,
-85.1539, 12.5183

■ 242.1480,
-41.4850, 6.0092

■ 225.2780,
-95.7791, 13.7882

■ 245.7100,
-30.4230, 4.6393

■ 222.0150,
-106.9884, 15.7728

■ 248.8590,
-19.6505, 2.7547

■ 221.1460,
-109.0250, 15.6580

■ 252.4210, -8.5886,
1.3848

255.0000, 0.0000,
0.0000

Harmonies

Analogous

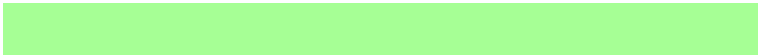
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.6270, -57.9901, 26.6371



235.4370, -63.3194, 9.2638



216.3050, -33.1814, -44.1175

Triad

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



235.4370, -63.3194, 9.2638



178.7550, 37.5888, -156.7681



216.8450, 18.8104, 33.4619

Complementary

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



235.4370, -63.3194, 9.2638



126.5630, 63.3194, -9.2638

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.



229.1720, 12.7332, 22.6512



235.4370, -63.3194, 9.2638



178.7550, 37.5888, -156.7681

Square

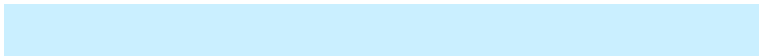
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.4370, -63.3194, 9.2638



178.7550, 37.5888, -156.7681



229.7610, 12.4428, -24.3464



210.3130, -1.1403, 39.1905

Rectangle

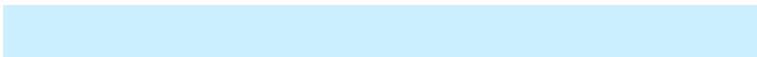
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.4370, -63.3194, 9.2638



197.7710, -3.3381, -96.2692



229.7610, 12.4428, -24.3464



219.7800, 17.3635, 30.8879

Sweetspot

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



235.4370, -63.3194, 9.2638



249.2010, -18.3401, 2.4547



155.3610, -23.8420, 87.3834



124.4380, -11.0619, 1.3699



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.



235.4370, -63.3194, 9.2638



231.4190, -76.1286, 11.0335



213.9090, -52.7061, -35.0002



126.2190, -5.5310, 0.6849



165.9370, -81.8069, 12.3333



55.5080, -27.3654, 3.9395

Inverse Universe

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



126.5630, 63.3194, -9.2638



100.2820, 76.2760, -11.6483



148.0910, 52.7061, 35.0002



116.7810, 5.5310, -0.6849



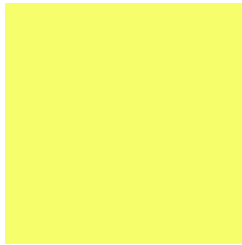
25.3620, 81.6595, -11.7185



8.4920, 27.3654, -3.9395

Previews

White Background



This preview shows how the YUV color 235.4370, -63.3194, 9.2638 looks on a white background.

Color Contrast Check

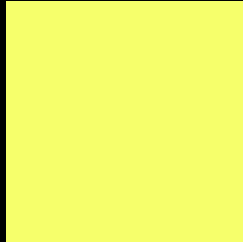
Large Text (above 18pt) WCAG AA × Fail

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 235.4370, -63.3194, 9.2638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

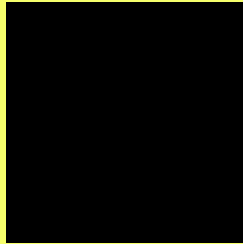
Any Text WCAG AA ✓ Pass

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 235.4370, -63.3194, 9.2638 Background



This preview shows how black text looks on a background with the YUV color 235.4370, -63.3194, 9.2638.



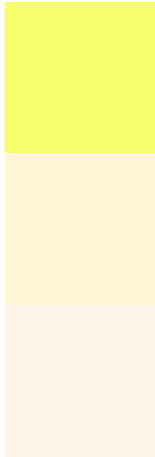
This preview shows how white text looks on a background with the YUV color 235.4370, -63.3194,

9.2638.

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

235.4370, -63.3194, 9.2638

Protanopia

244.9290, -15.7410, 8.8323

Deuteranopia

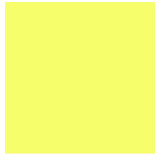
245.9210, -6.8631, 7.9623



Tritanopia

247.1410, 2.8885, 6.8923

Trichromacy



Original Color

235.4370, -63.3194, 9.2638



Protanomaly

241.3470, -33.2021, 9.3427



Deuteranomaly

242.2420, -27.2343, 8.5578



Tritanomaly

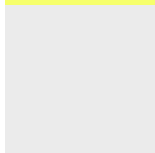
243.1370, -21.2665, 7.7729

Monochromacy



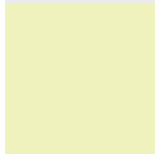
Original Color

235.4370, -63.3194, 9.2638



Achromatopsia

235.0000, 0.0000, 0.0000



Achromatomaly

234.9470, -23.1449, 3.5545

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.4370, -63.3194, 9.2638 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(246, 255, 107)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 107)  
}
```

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(246, 255, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 107) }
```

Border

The CSS property to change the border of an element to YUV 235.4370, -63.3194, 9.2638 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(246, 255, 107) }
```


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

```
.border{ border-color:rgb(246, 255, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 107);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 235.4370, -63.3194, 9.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 107) }
```

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

```
.background{ background-color: rgb(246,  
255, 107) }
```

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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