

Converting Colors

YUV(220.3670, -33.7049,
-16.1079)

Have a look what the booklet for
YUV(220.3670, -33.7049, -16.1079)
contains.

YUV(220.3670, -33.7049, -16.1079)	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(220.3670, -33.7049,
-16.1079)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF398
RGB	202, 243, 152
RGB Percent	79%, 95%, 60%
CMY	0.2078, 0.0471, 0.4039
CMYK	0.17, 0.00, 0.37, 0.05
HSL	87°, 79%, 77%
HSV	87°, 37%, 95%
XYZ	62.0752, 78.9247, 41.6681
YIQ	220.3670, 4.7750, -36.9930

Conversions

Conversions Part 2

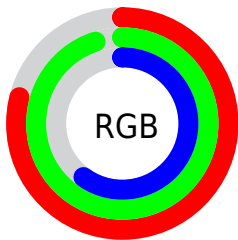
Format	Color
RYB	152, 243, 193
Decimal	13300632
CIELab	91.20, -28.26, 39.62
CIElCh	91, 48.671, 125.499
Yxy	78.9247, 0.3398, 0.4321
Android (android.graphics.Color)	4291490712 (0xFFCAF398)
YUV	220.3670, -33.7049, -16.1079
Hunter-Lab	88.8396, -30.7454, 34.3792

Details

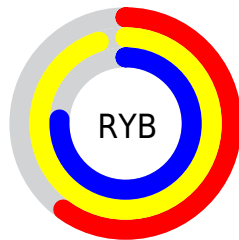
The YUV color $220.3670, -33.7049, -16.1079$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $174.6330, 33.7049, 16.1079$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.5280, -20.9663, 4.7989$, and $165.1220, -32.1051, -15.8930$ is the 20% darker color. If you saturate the color by 10%, you get $214.3420, -42.5666, -20.4709$, and if you desaturate by 10%, it is $226.3920, -24.8433, -11.7448$.

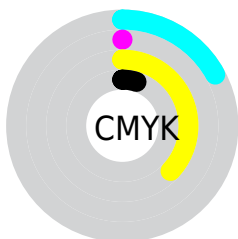
Distribution



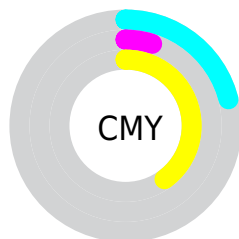
- Red (79%)
- Green (95%)
- Blue (60%)



- Red (60%)
- Yellow (95%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (37%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.3670, -33.7049, -16.1079 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 220.3670, -33.7049, -16.1079 by changing the saturation by 10% instead.

■ 220.3670,
-33.7049, -16.1079

■ 220.3670,
-33.7049, -16.1079

255.0000, 0.0000,
0.0000

■ 192.4810,
-33.2681, -16.2078

■ 249.5280,
-20.9663, 4.7989

■ 165.1220,
-32.1051, -15.8930

■ 252.8340, -8.2992,
1.8996

■ 138.2360,
-31.6683, -15.9930

■ 111.8770,
-30.5054, -15.6781

■ 86.5780, -30.3580,
-16.2929

■ 61.5780, -30.3580,
-16.2929

■ 40.6020, -20.0168,

-19.8220

■ 22.3060, -10.9969,
-19.5624

■ 4.6960, -2.3151,
-4.1184

■ 220.3670,
-33.7049, -16.1079

■ 220.3670,
-33.7049, -16.1079

■ 214.3420,
-42.5666, -20.4709

■ 226.3920,
-24.8433, -11.7448

■ 208.2030,
-51.8651, -24.7340

■ 232.5310,
-15.5448, -7.4817

■ 202.1780,
-60.7268, -29.0971

■ 238.5560, -6.6831,
-3.1186

■ 196.1530,
-69.5884, -33.4602

■ 244.5810, 2.1786,
1.2445

■ 190.1280,
-78.4501, -37.8233

■ 247.9560, 3.4727,
6.1776

■ 183.9890,
-87.7486, -42.0864

■ 182.7070,
-90.0746, -42.7160

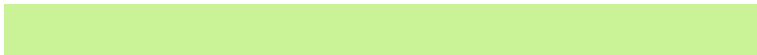
Harmonies

Analogous

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



225.8620, -44.3020, 22.9230



220.3670, -33.7049, -16.1079



212.0530, -10.8721, -59.6825

Triad

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



220.3670, -33.7049, -16.1079



199.1970, 27.5109, -97.5198



214.9580, 3.9647, 35.1168

Complementary

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



220.3670, -33.7049, -16.1079



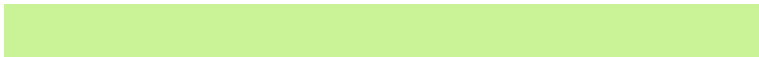
174.6330, 33.7049, 16.1079

Split Complementary

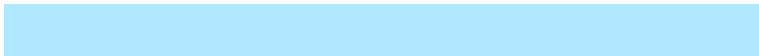
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.1280, 16.2059, 28.8287



220.3670, -33.7049, -16.1079



217.5790, 18.4486, -37.3418

Square

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



220.3670, -33.7049, -16.1079



177.5810, 38.1676, -155.7385



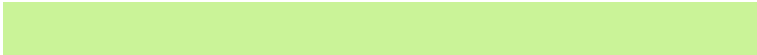
228.2420, 13.1917, 15.5738



213.3500, -17.4275, 36.5271

Rectangle

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



220.3670, -33.7049, -16.1079



204.1920, 8.2863, -91.3764



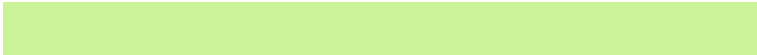
228.2420, 13.1917, 15.5738



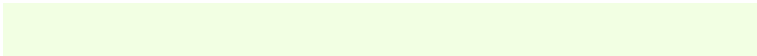
217.3690, 10.6641, 33.0024

Sweetspot

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



220.3670, -33.7049, -16.1079



247.9210, -10.3141, -5.1927



203.2760, -25.2791, 34.8379



123.6700, -6.2463, -3.2186



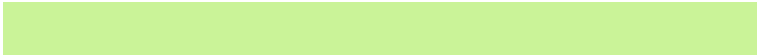
0.0000, 0.0000, 0.0000



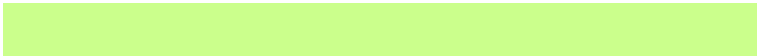
128.0000, 0.0000, 0.0000

Same Dimension

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



220.3670, -33.7049, -16.1079



226.3420, -42.5666, -20.4709



206.9120, -27.0716, -43.7728



119.1370, -4.5045, -1.8741



139.6800, -68.8622, -33.0454



44.2010, -21.7911, -10.7003

Inverse Universe

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



174.6330, 33.7049, 16.1079



168.6580, 42.5666, 20.4709



188.0880, 27.0716, 43.7728



113.1620, 4.3571, 2.4889



46.3200, 68.8622, 33.0454



14.5000, 21.9385, 10.0855

Previews

White Background



This preview shows how the YUV color 220.3670, -33.7049, -16.1079 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 220.3670, -33.7049, -16.1079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

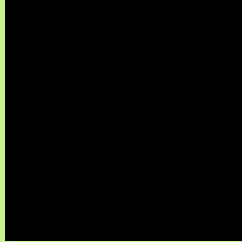
Any Text WCAG AA ✓ Pass

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 220.3670, -33.7049, -16.1079 Background



This preview shows how black text looks on a background with the YUV color 220.3670, -33.7049, -16.1079.



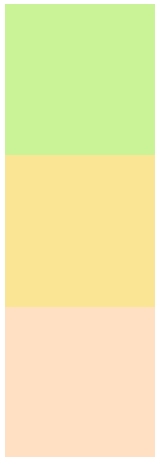
This preview shows how white text looks on a background with the YUV color 220.3670, -33.7049, -16.1079.

-16.1079.

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

220.3670, -33.7049, -16.1079

Protanopia

225.6320, -38.7656, 20.4937

Deuteranopia

229.8490, -17.6736, 22.0574



Tritanopia

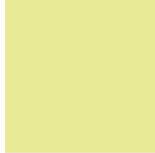
228.6810, 10.5103, -11.1212

Trichromacy



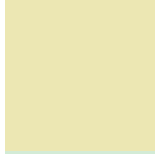
Original Color

220.3670, -33.7049, -16.1079



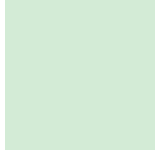
Protanomaly

223.7120, -36.8330, 7.2686



Deuteranomaly

226.5670, -23.4505, 8.2727



Tritanomaly

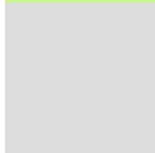
225.4300, -5.6350, -12.6551

Monochromacy



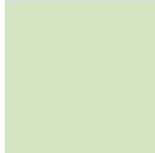
Original Color

220.3670, -33.7049, -16.1079



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

219.7530, -12.2032, -5.9224

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.3670, -33.7049, -16.1079 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(202, 243, 152)` looks like.

```
.text, #text, p{  
    color:rgb(202, 243, 152)  
}
```

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(202, 243, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 243, 152) }
```

Border

The CSS property to change the border of an element to YUV 220.3670, -33.7049, -16.1079 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(202, 243, 152) }
```


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

```
.border{ border-color:rgb(202, 243, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 243, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 243, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 243, 152);  
box-shadow:4px 4px 4px 4px rgb(202, 243,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 220.3670, -33.7049, -16.1079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 243, 152) }
```

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

```
.background{ background-color: rgb(202,  
243, 152) }
```

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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