

Converting Colors

YUV(204.1670, -37.0573,
-14.1785)

Have a look what the booklet for
YUV(204.1670, -37.0573, -14.1785)
contains.

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Color

**YUV(204.1670, -37.0573,
-14.1785)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE381
RGB	188, 227, 129
RGB Percent	74%, 89%, 51%
CMY	0.2627, 0.1098, 0.4941
CMYK	0.17, 0.00, 0.43, 0.11
HSL	84°, 64%, 70%
HSV	84°, 43%, 89%
XYZ	52.1706, 67.2145, 30.9929
YIQ	204.1670, 8.2140, -38.7460

Conversions

Conversions Part 2

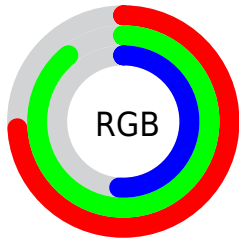
Format	Color
RYB	129, 227, 168
Decimal	12379009
CIELab	85.61, -28.60, 43.63
CIElCh	86, 52.168, 123.243
Yxy	67.2145, 0.3469, 0.4470
Android (android.graphics.Color)	4290569089 (0xFFBCE381)
YUV	204.1670, -37.0573, -14.1785
Hunter-Lab	81.9845, -29.8849, 34.9755

Details

The YUV color **204.1670, -37.0573, -14.1785** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **151.8330, 37.0573, 14.1785**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.1010, -30.1228, 1.6654**, and **148.9220, -35.4575, -13.9636** is the 20% darker color. If you saturate the color by 10%, you get **198.8540, -45.7770, -17.4120**, and if you desaturate by 10%, it is **209.4800, -28.3376, -10.9450**.

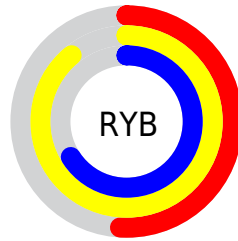
Distribution



Red (74%)

Green (89%)

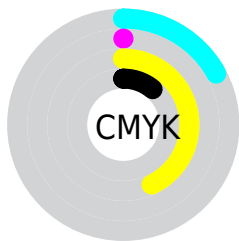
Blue (51%)



Red (51%)

Yellow (89%)

Blue (66%)

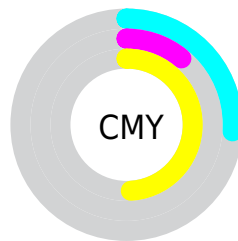


Cyan (17%)

Magenta (0%)

Yellow (43%)

Black (11%)



Cyan (26%)

Magenta (11%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.1670, -37.0573, -14.1785 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 204.1670, -37.0573, -14.1785 by changing the saturation by 10% instead.

■ 204.1670,
-37.0573, -14.1785

■ 204.1670,
-37.0573, -14.1785

■ 255.0000, 0.0000,
0.0000

■ 176.3950,
-36.1837, -14.3784

■ 244.1010,
-30.1228, 1.6654

■ 148.9220,
-35.4575, -13.9636

■ 249.9840,
-19.2191, 4.3990

■ 122.7370,
-34.8733, -14.6783

■ 253.2900, -6.5520,
1.4997

■ 96.7370, -34.8733,
-14.6783

■ 71.6230, -35.3101,
-14.5784

■ 50.0600, -24.6796,
-17.5926

■ 27.5890, -13.6014,

-24.1956

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 204.1670,
-37.0573, -14.1785

■ 204.1670,
-37.0573, -14.1785

■ 198.8540,
-45.7770, -17.4120

■ 209.4800,
-28.3376, -10.9450

■ 193.6550,
-54.0599, -20.7454

■ 214.6790,
-20.0547, -7.6115

■ 188.3420,
-62.7796, -23.9789

■ 219.9920,
-11.3351, -4.3780

■ 183.0290,
-71.4993, -27.2124

■ 225.3050, -2.6154,
-1.1445

■ 177.7160,
-80.2190, -30.4459

■ 230.6180, 6.1043,
2.0890

■ 174.2120,
-85.8865, -32.6349

■ 234.6770, 10.0192,
6.4223

■ 237.3680, 8.6926,
11.9553

■ 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



209.6730, -47.6598, 26.5968



204.1670, -37.0573, -14.1785



195.3580, -13.4875, -60.8270

Triad

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



204.1670, -37.0573, -14.1785



164.6670, 44.5342, -144.4130



202.3230, 3.7848, 46.1977

Complementary

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



204.1670, -37.0573, -14.1785



151.8330, 37.0573, 14.1785

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.



212.1490, 21.1255, 37.5803



204.1670, -37.0573, -14.1785



199.8040, 27.2116, -48.0631

Square

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



204.1670, -37.0573, -14.1785



168.7760, 42.5084, -148.0166



213.4570, 20.4807, 11.0002



200.3730, -18.9179, 47.9079

Rectangle

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



204.1670, -37.0573, -14.1785



183.5390, 8.6083, -101.3277



213.4570, 20.4807, 11.0002



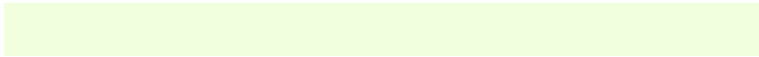
204.8480, 10.9209, 43.9833

Sweetspot

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



204.1670, -37.0573, -14.1785



247.3510, -12.4980, -4.6928



180.6080, -25.4427, 40.6858



122.9150, -7.8461, -3.4335



0.0000, 0.0000, 0.0000



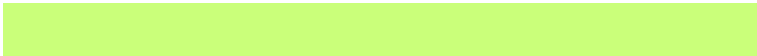
128.0000, 0.0000, 0.0000

Same Dimension

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



204.1670, -37.0573, -14.1785



223.9910, -50.2816, -19.2861



189.8150, -29.9818, -43.6878



112.1370, -4.5045, -1.8741



137.0660, -67.5735, -26.3679



39.2060, -19.3286, -7.1967

Inverse Universe

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



151.8330, 37.0573, 14.1785



153.0090, 50.2816, 19.2861



166.1850, 29.9818, 43.6878



105.8630, 4.5045, 1.8741



41.6350, 67.7209, 25.7531



11.7940, 19.3286, 7.1967

Previews

White Background



This preview shows how the YUV color 204.1670, -37.0573, -14.1785 looks on a white background.

Color Contrast Check

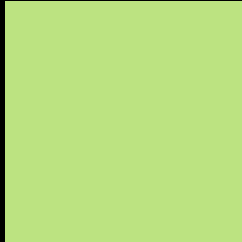
Large Text (above 18pt) WCAG AA × Fail

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 204.1670, -37.0573, -14.1785 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 204.1670, -37.0573, -14.1785 Background



This preview shows how black text looks on a background with the YUV color 204.1670, -37.0573, -14.1785.



This preview shows how white text looks on a background with the YUV color 204.1670, -37.0573, -14.1785.

-14.1785.

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

204.1670, -37.0573, -14.1785

Protanopia

209.7200, -42.2600, 21.2936

Deuteranopia

212.6540, -35.3254, 37.1374



Tritanopia

213.0510, 9.3419, -9.6917

Trichromacy



Original Color

204.1670, -37.0573, -14.1785

Protanomaly

207.8000, -40.3274, 8.0684

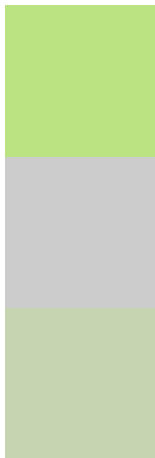
Deuteranomaly

209.7180, -35.8500, 18.6643

Tritanomaly

209.6860, -7.2402, -11.1256

Monochromacy



Original Color

204.1670, -37.0573, -14.1785

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.8240, -13.2242, -5.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.1670, -37.0573, -14.1785 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(188, 227, 129)` looks like.

```
.text, #text, p{  
    color:rgb(188, 227, 129)  
}
```

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(188, 227, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 227, 129) }
```

Border

The CSS property to change the border of an element to YUV 204.1670, -37.0573, -14.1785 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(188, 227, 129) }
```


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

```
.border{ border-color:rgb(188, 227, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 227, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 227, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 227, 129);  
box-shadow:4px 4px 4px 4px rgb(188, 227,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 204.1670, -37.0573, -14.1785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 227, 129) }
```

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

```
.background{ background-color: rgb(188,  
227, 129) }
```

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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