

Converting Colors

YUV(206.0170, -83.3254,
-14.0469)

Have a look what the booklet for
YUV(206.0170, -83.3254, -14.0469)
contains.

YUV(206.0170, -83.3254, -14.0469)	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(206.0170, -83.3254,
-14.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF725
RGB	190, 247, 37
RGB Percent	75%, 97%, 15%
CMY	0.2549, 0.0314, 0.8549
CMYK	0.23, 0.00, 0.85, 0.03
HSL	76°, 93%, 56%
HSV	76°, 85%, 97%
XYZ	54.8299, 77.6022, 13.8392
YIQ	206.0170, 33.4380, -77.3940

Conversions

Conversions Part 2

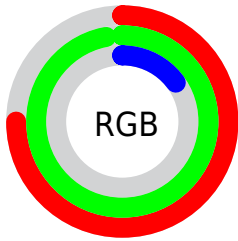
Format	Color
RYB	37, 247, 94
Decimal	12515109
CIELab	90.60, -43.25, 83.23
CIElCh	91, 93.798, 117.457
Yxy	77.6022, 0.3749, 0.5305
Android (android.graphics.Color)	4290705189 (0xFFBEF725)
YUV	206.0170, -83.3254, -14.0469
Hunter-Lab	88.0921, -43.0601, 52.3501

Details

The YUV color **206.0170, -83.3254, -14.0469** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **77.9830, 83.3254, 14.0469**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.5190, -64.3459, 11.8228**, and **150.6990, -74.2946, -17.2760** is the 20% darker color. If you saturate the color by 10%, you get **201.0740, -93.2135, -15.8509**, and if you desaturate by 10%, it is **210.9600, -73.4373, -12.2429**.

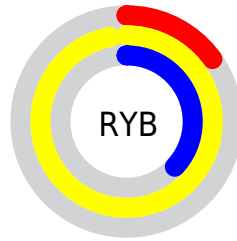
Distribution



Red (75%)

Green (97%)

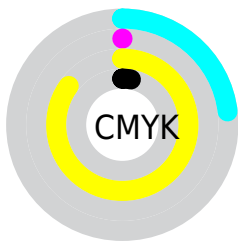
Blue (15%)



Red (15%)

Yellow (97%)

Blue (37%)

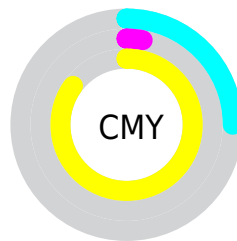


Cyan (23%)

Magenta (0%)

Yellow (85%)

Black (3%)



Cyan (25%)

Magenta (3%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.0170, -83.3254, -14.0469 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 206.0170, -83.3254, -14.0469 by changing the saturation by 10% instead.

■ 206.0170,
-83.3254, -14.0469

■ 206.0170,
-83.3254, -14.0469

255.0000, 0.0000,
0.0000

■ 175.8060,
-86.6724, -13.8619

■ 236.5190,
-64.3459, 11.8228

■ 150.6990,
-74.2946, -17.2760

■ 241.3200,
-52.4158, 11.9974

■ 125.8800,
-62.0588, -21.8198

■ 244.7400,
-39.3118, 8.9980

■ 101.9470,
-50.2599, -26.2635

■ 248.0460,
-26.6447, 6.0987

■ 76.8180, -37.8713,
-33.1664

■ 251.4660,
-13.5407, 3.0993

■ 50.4820, -24.8876,
-44.2727

254.8860, -0.4368,

■ 36.3940, -17.9422,

0.1000

-31.9175

■ 24.0670, -11.8650,
-21.1068

■ 2.3480, -1.1576,
-2.0592

■ 206.0170,
-83.3254, -14.0469

■ 206.0170,
-83.3254, -14.0469

■ 201.0740,
-93.2135, -15.8509

■ 210.9600,
-73.4373, -12.2429

■ 198.8090,
-98.0128, -16.4955

■ 215.4900,
-63.8386, -10.9537

■ 220.4330,
-53.9505, -9.1497

■ 225.3760,
-44.0624, -7.3458

■ 230.3190,
-34.1743, -5.5418

■ 234.8490,
-24.5756, -4.2526

■ 239.7920,
-14.6875, -2.4486

■ 244.7350, -4.7994,
-0.6446

■ 248.8090, 3.0522,
1.0445

Harmonies

Analogous

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



205.9720, -101.5442, 42.9976



206.0170, -83.3254, -14.0469



166.6260, -20.5216, -138.2380

Triad

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



206.0170, -83.3254, -14.0469



178.7550, 37.5888, -156.7681



183.4370, 27.8856, 62.7608

Complementary

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



206.0170, -83.3254, -14.0469



77.9830, 83.3254, 14.0469

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.



202.1700, 26.0452, 46.3319



206.0170, -83.3254, -14.0469



170.5370, 41.6403, -149.5609

Square

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



206.0170, -83.3254, -14.0469



178.7550, 37.5888, -156.7681



213.3690, 20.5241, -2.9546



179.7480, -14.1728, 65.9960

Rectangle

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



206.0170, -83.3254, -14.0469



170.8890, 7.4497, -149.8697



213.3690, 20.5241, -2.9546



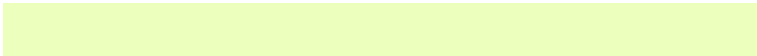
188.6690, 32.7012, 58.1723

Sweetspot

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



206.0170, -83.3254, -14.0469



242.0940, -26.1753, -4.4674



132.6620, -47.1614, 100.2744



120.1510, -15.8504, -2.7634



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.



206.0170, -83.3254, -14.0469



205.2990, -101.2124, -16.9252



174.9210, -67.9951, -77.9837



119.7350, -4.7994, -0.6446



149.8460, -73.8741, -12.1429



47.4900, -23.4126, -3.9377

Inverse Universe

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



77.9830, 83.3254, 14.0469



49.7010, 101.2124, 16.9252



109.0790, 67.9951, 77.9837



112.2650, 4.7994, 0.6446



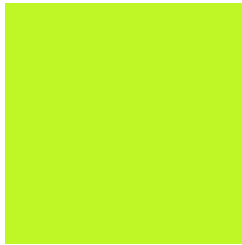
36.4530, 73.7267, 12.7577



11.5100, 23.4126, 3.9377

Previews

White Background



This preview shows how the YUV color 206.0170, -83.3254, -14.0469 looks on a white background.

Color Contrast Check

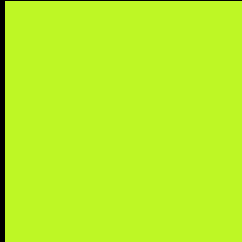
Large Text (above 18pt) WCAG AA × Fail

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 206.0170, -83.3254, -14.0469 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 206.0170, -83.3254, -14.0469 Background



This preview shows how black text looks on a background with the YUV color 206.0170, -83.3254, -14.0469.



This preview shows how white text looks on a background with the YUV color 206.0170, -83.3254, -14.0469.

-14.0469.

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

206.0170, -83.3254, -14.0469

Protanopia

216.8070, -77.7989, 33.4953

Deuteranopia

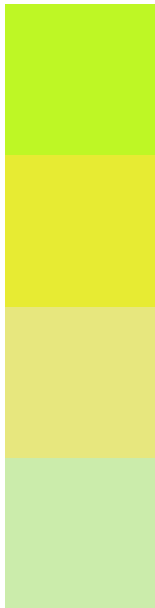
226.7370, -24.5203, 24.7867



Tritanopia

226.3710, 10.6631, -13.4804

Trichromacy



Original Color

206.0170, -83.3254, -14.0469

Protanomaly

212.8280, -79.7812, 15.9368

Deuteranomaly

219.0300, -45.8638, 10.4977

Tritanomaly

218.7230, -23.5274, -13.7891

Monochromacy



Original Color

206.0170, -83.3254, -14.0469

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.0570, -30.1011, -5.3120

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.0170, -83.3254, -14.0469 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(190, 247, 37)` looks like.

```
.text, #text, p{  
    color:rgb(190, 247, 37)  
}
```

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(190, 247, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 247, 37) }
```

Border

The CSS property to change the border of an element to YUV 206.0170, -83.3254, -14.0469 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(190, 247, 37) }
```


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

```
.border{ border-color:rgb(190, 247, 37) }
```

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

Here you see how a box with a 4 pixel rgb(190, 247, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 247, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 247, 37);  
box-shadow:4px 4px 4px 4px rgb(190, 247,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 206.0170, -83.3254, -14.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 247, 37) }
```

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

```
.background{ background-color: rgb(190,  
247, 37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor