

Converting Colors

YUV(182.3340, -83.9747,
7.6001)

Have a look what the booklet for
YUV(182.3340, -83.9747, 7.6001)
contains.

YUV(182.3340, -83.9747, 7.6001)	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(182.3340, -83.9747,
7.6001)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD30C
RGB	191, 211, 12
RGB Percent	75%, 83%, 5%
CMY	0.2510, 0.1725, 0.9529
CMYK	0.09, 0.00, 0.94, 0.17
HSL	66°, 89%, 44%
HSV	66°, 94%, 83%
XYZ	44.8465, 57.6914, 9.1197
YIQ	182.3340, 51.9590, -66.1290

Conversions

Conversions Part 2

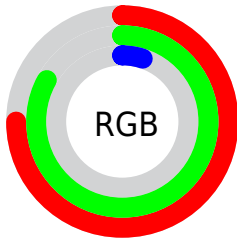
Format	Color
RYB	12, 211, 32
Decimal	12571404
CIELab	80.57, -26.98, 78.99
CIELCh	81, 83.470, 108.860
Yxy	57.6914, 0.4016, 0.5167
Android (android.graphics.Color)	4290761484 (0xFFBFD30C)
YUV	182.3340, -83.9747, 7.6001
Hunter-Lab	75.9549, -27.5282, 46.0496

Details

The YUV color **182.3340, -83.9747, 7.6001** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **40.6660, 83.9747, -7.6001**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.8800, -71.9188, 14.1372**, and **131.9260, -65.0395, 0.9419** is the 20% darker color. If you saturate the color by 10%, you get **180.6670, -89.0688, 8.1850**, and if you desaturate by 10%, it is **185.3260, -75.0967, 6.7301**.

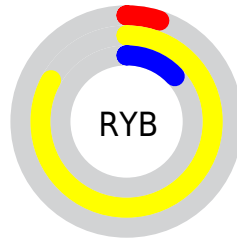
Distribution



Red (75%)

Green (83%)

Blue (5%)



Red (5%)

Yellow (83%)

Blue (13%)

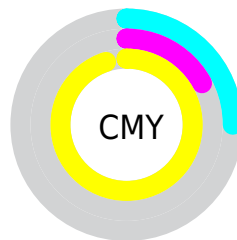


Cyan (9%)

Magenta (0%)

Yellow (94%)

Black (17%)



Cyan (25%)

Magenta (17%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.3340, -83.9747, 7.6001 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 182.3340, -83.9747, 7.6001 by changing the saturation by 10% instead.

■ 182.3340,
-83.9747, 7.6001

■ 182.3340,
-83.9747, 7.6001

■ 255.0000, 0.0000,
0.0000

■ 155.8590,
-76.8385, 5.3857

■ 234.8800,
-71.9188, 14.1372

■ 131.9260,
-65.0395, 0.9419

■ 239.3820,
-59.8413, 13.6970

■ 107.9930,
-53.2405, -3.5019

■ 242.6880,
-47.1742, 10.7976

■ 84.3590, -41.5890,
-7.3308

■ 245.9940,
-34.5070, 7.8983

■ 61.8990, -30.5162,
-12.1894

■ 249.4140,
-21.4031, 4.8989

■ 40.0260, -19.7328,
-17.5628

■ 252.7200, -8.7360,

■ 21.7190, -10.7075,

1.9996

-19.0476

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 182.3340,
-83.9747, 7.6001

■ 182.3340,
-83.9747, 7.6001

■ 180.6670,
-89.0688, 8.1850

■ 185.3260,
-75.0967, 6.7301

■ 188.3180,
-66.2188, 5.8601

■ 191.3100,
-57.3408, 4.9901

■ 194.3020,
-48.4629, 4.1201

■ 197.7070,
-39.2956, 3.7650

■ 200.6990,
-30.4176, 2.8950

■ 203.6910,
-21.5397, 2.0250

■ 206.6830,
-12.6617, 1.1550

■ 209.6750, -3.7838,
0.2850

Harmonies

Analogous

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



186.7950, -86.1739, 59.8158



182.3340, -83.9747, 7.6001



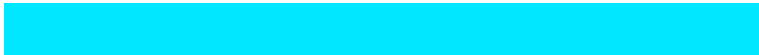
170.9030, -40.3782, -69.1979

Triad

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



182.3340, -83.9747, 7.6001



164.6670, 44.5342, -144.4130



176.0680, 27.5745, 69.2234

Complementary

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



182.3340, -83.9747, 7.6001



40.6660, 83.9747, -7.6001

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.



196.8870, 28.6497, 50.9651



182.3340, -83.9747, 7.6001



156.4490, 48.5856, -137.2058

Square

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



182.3340, -83.9747, 7.6001



166.8040, 40.0296, -146.2871



183.0360, 35.4783, -39.4966



166.5890, -6.2064, 77.5364

Rectangle

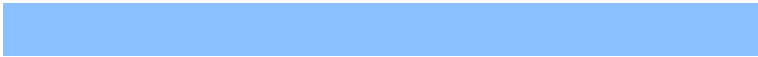
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



182.3340, -83.9747, 7.6001



152.7310, -6.2764, -133.9451



183.0360, 35.4783, -39.4966



183.3860, 35.3057, 62.8055

Sweetspot

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



182.3340, -83.9747, 7.6001



244.8130, -29.9808, 2.7950



83.2410, -35.1218, 112.0446



121.4890, -18.4821, 1.3251



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.



182.3340, -83.9747, 7.6001



218.1560, -107.5509, 9.5102



152.7330, -69.3814, -53.2628



103.1480, -4.5100, -0.1298



143.7650, -70.8761, 6.3451



35.1300, -17.3191, 1.6400

Inverse Universe

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



40.6660, 83.9747, -7.6001



36.8440, 107.5509, -9.5102



70.2670, 69.3814, 53.2628



95.5530, 4.6574, -0.4850



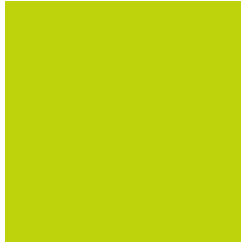
24.2350, 70.8761, -6.3451



5.8700, 17.3191, -1.6400

Previews

White Background



This preview shows how the YUV color 182.3340, -83.9747, 7.6001 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 182.3340, -83.9747, 7.6001 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 182.3340, -83.9747, 7.6001

Background



This preview shows how black text looks on a background with the YUV color 182.3340, -83.9747, 7.6001.



This preview shows how white text looks on a background with the YUV color 182.3340, -83.9747, 7.6001.

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

182.3340, -83.9747, 7.6001

Protanopia

184.6750, -91.0448, 35.3650

Deuteranopia

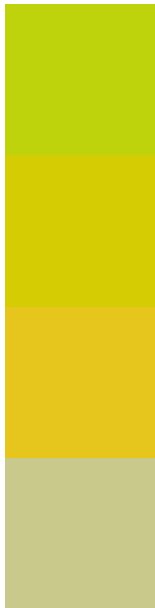
190.5090, -75.6799, 53.9276



Tritanopia

200.8140, 5.5147, 4.5481

Trichromacy



Original Color

182.3340, -83.9747, 7.6001

Protanomaly

183.8910, -88.6863, 25.5286

Deuteranomaly

187.6010, -78.6833, 37.1839

Tritanomaly

193.9320, -27.0815, 6.1986

Monochromacy



Original Color

182.3340, -83.9747, 7.6001

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.2860, -30.7070, 2.3802

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.3340, -83.9747, 7.6001 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(191, 211, 12)` looks like.

```
.text, #text, p{  
    color:rgb(191, 211, 12)  
}
```

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(191, 211, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 211, 12) }
```

Border

The CSS property to change the border of an element to YUV 182.3340, -83.9747, 7.6001 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(191, 211, 12) }
```


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

```
.border{ border-color:rgb(191, 211, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 211, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 211, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 211, 12);  
box-shadow:4px 4px 4px 4px rgb(191, 211,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 182.3340, -83.9747, 7.6001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 211, 12) }
```

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

```
.background{ background-color: rgb(191,  
211, 12) }
```

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