

Converting Colors

YUV(178.2970, -87.9004,
6.7555)

Have a look what the booklet for
YUV(178.2970, -87.9004, 6.7555)
contains.

YUV(178.2970, -87.9004, 6.7555)	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>	30

Color

**YUV(178.2970, -87.9004,
6.7555)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD100
RGB	186, 209, 0
RGB Percent	73%, 82%, 0%
CMY	0.2706, 0.1804, 1.0000
CMYK	0.11, 0.00, 1.00, 0.18
HSL	67°, 100%, 41%
HSV	67°, 100%, 82%
XYZ	43.0502, 56.0400, 8.5478
YIQ	178.2970, 53.3810, -69.8750

Conversions

Conversions Part 2

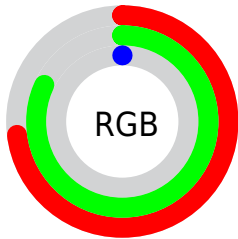
Format	Color
RYB	0, 209, 23
Decimal	12243200
CIELab	79.64, -28.24, 79.25
CIELCh	80, 84.135, 109.613
Yxy	56.0400, 0.4000, 0.5206
Android (android.graphics.Color)	4290433280 (0xFFBAD100)
YUV	178.2970, -87.9004, 6.7555
Hunter-Lab	74.8599, -28.3537, 45.6319

Details

The YUV color **178.2970, -87.9004, 6.7555** 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 **30.7030, 87.9004, -6.7555**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.9290, -72.9290, 11.4633**, and **129.2570, -63.7237, -1.1024** is the 20% darker color. If you saturate the color by 10%, you get **178.2970, -87.9004, 6.7555**, and if you desaturate by 10%, it is **181.2890, -79.0225, 5.8855**.

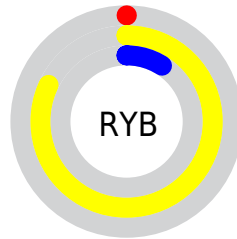
Distribution



Red (73%)

Green (82%)

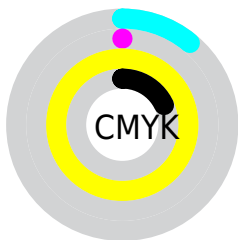
Blue (0%)



Red (0%)

Yellow (82%)

Blue (9%)

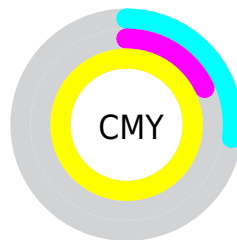


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (27%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2970, -87.9004, 6.7555 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 178.2970, -87.9004, 6.7555 by changing the saturation by 10% instead.

■ 178.2970,
-87.9004, 6.7555

■ 178.2970,
-87.9004, 6.7555

■ 255.0000, 0.0000,
0.0000

■ 153.1900,
-75.5227, 3.3414

■ 232.9290,
-72.9290, 11.4633

■ 129.2570,
-63.7237, -1.1024

■ 239.0400,
-61.1517, 13.9969

■ 105.6230,
-52.0721, -4.9314

■ 242.3460,
-48.4846, 11.0976

■ 82.2770, -40.5626,
-9.8899

■ 245.6520,
-35.8174, 8.1982

■ 59.2300, -29.2004,
-14.2337

■ 248.9580,
-23.1503, 5.2988

■ 36.7590, -18.1222,
-20.8366

■ 252.3780,

■ 20.5450, -10.1287,

-10.0464, 2.2995

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 178.2970,
-87.9004, 6.7555

■ 181.2890,
-79.0225, 5.8855

■ 184.5800,
-70.2919, 5.6303

■ 187.5720,
-61.4140, 4.7604

■ 190.5640,
-52.5361, 3.8904

■ 193.5560,
-43.6581, 3.0204

■ 196.7330,
-35.3644, 2.8652

■ 199.7250,
-26.4864, 1.9952

■ 202.7170,
-17.6085, 1.1252

■ 206.0080, -8.8779,
0.8700

Harmonies

Analogous

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



184.2530, -90.8367, 62.0451



178.2970, -87.9004, 6.7555



166.3370, -38.6201, -73.0865

Triad

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



178.2970, -87.9004, 6.7555



163.4930, 45.1130, -143.3834



173.2640, 26.9848, 71.6825

Complementary

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



178.2970, -87.9004, 6.7555



30.7030, 87.9004, -6.7555

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.



194.5390, 29.8073, 53.0243



178.2970, -87.9004, 6.7555



154.6880, 49.4538, -135.6614

Square

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



178.2970, -87.9004, 6.7555



165.6300, 40.6084, -145.2575



180.9870, 36.4884, -36.8226



164.3720, -7.0854, 79.4808

Rectangle

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



178.2970, -87.9004, 6.7555



150.8560, -5.8450, -132.3007



180.9870, 36.4884, -36.8226



180.9240, 36.0265, 64.9647

Sweetspot

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



178.2970, -87.9004, 6.7555



243.9440, -32.0174, 2.6801



74.8180, -36.8853, 117.6776



120.9620, -19.2083, 0.9103



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.



178.2970, -87.9004, 6.7555



217.5580, -107.2561, 8.2806



147.7990, -72.8649, -55.9517



103.1480, -4.5100, -0.1298



143.4660, -70.7287, 5.7303



34.8310, -17.1717, 1.0252

Inverse Universe

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



30.7030, 87.9004, -6.7555



37.4420, 107.2561, -8.2806



61.2010, 72.8649, 55.9517



95.5530, 4.6574, -0.4850



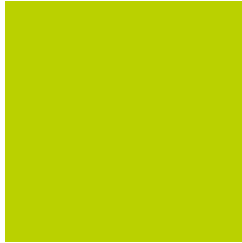
24.8330, 70.5813, -5.1155



5.8700, 17.3191, -1.6400

Previews

White Background



This preview shows how the YUV color 178.2970, -87.9004, 6.7555 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 178.2970, -87.9004, 6.7555 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 178.2970, -87.9004, 6.7555

Background



This preview shows how black text looks on a background with the YUV color 178.2970, -87.9004, 6.7555.



This preview shows how white text looks on a background with the YUV color 178.2970, -87.9004, 6.7555.

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

178.2970, -87.9004, 6.7555

Deuteranopia

187.9110, -75.3851, 52.6981

Tritanopia

198.2160, 5.8095, 3.3186

Trichromacy



Original Color

178.2970, -87.9004, 6.7555

Deuteranomaly

184.2480, -79.9883, 35.7395

Tritanomaly

190.6930, -27.9496, 4.6542

Monochromacy



Original Color

178.2970, -87.9004, 6.7555

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.9440, -32.0174, 2.6801

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2970, -87.9004, 6.7555 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(186, 209, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 209, 0)  
}
```

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(186, 209, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 209, 0) }
```

Border

The CSS property to change the border of an element to YUV 178.2970, -87.9004, 6.7555 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(186, 209, 0) }
```

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

```
.border{ border-color:rgb(186, 209, 0) }
```

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

Here you see how a box with a 4 pixel rgb(186, 209, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 209, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 209, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 209,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 178.2970, -87.9004, 6.7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 209, 0) }
```

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

```
.background{ background-color: rgb(186,  
209, 0) }
```

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