

Converting Colors

YUV(185.3360, -73.6226,
0.5823)

Have a look what the booklet for
YUV(185.3360, -73.6226, 0.5823)
contains.

YUV(185.3360, -73.6226, 0.5823)	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(185.3360, -73.6226,
0.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD624
RGB	186, 214, 36
RGB Percent	73%, 84%, 14%
CMY	0.2706, 0.1608, 0.8588
CMYK	0.13, 0.00, 0.83, 0.16
HSL	69°, 71%, 49%
HSV	69°, 83%, 84%
XYZ	44.6147, 58.6596, 10.6401
YIQ	185.3360, 40.4500, -61.2940

Conversions

Conversions Part 2

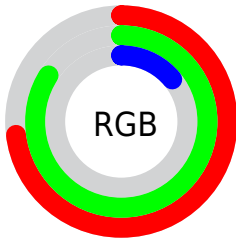
Format	Color
RYB	36, 214, 64
Decimal	12244516
CIELab	81.10, -29.97, 75.30
CIELCh	81, 81.045, 111.703
Yxy	58.6596, 0.3917, 0.5149
Android (android.graphics.Color)	4290434596 (0xFFBAD624)
YUV	185.3360, -73.6226, 0.5823
Hunter-Lab	76.5896, -30.0525, 45.3759

Details

The YUV color **185.3360, -73.6226, 0.5823** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **64.6640, 73.6226, -0.5823**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6390, -66.3770, 9.9636**, and **131.6050, -64.8813, -3.1616** is the 20% darker color. If you saturate the color by 10%, you get **182.0450, -82.3532, 0.8375**, and if you desaturate by 10%, it is **188.6270, -64.8921, 0.3271**.

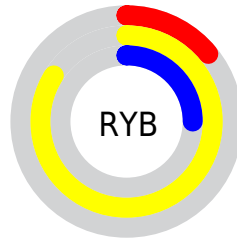
Distribution



Red (73%)

Green (84%)

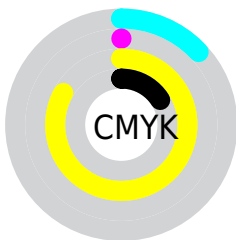
Blue (14%)



Red (14%)

Yellow (84%)

Blue (25%)

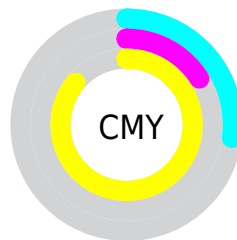


Cyan (13%)

Magenta (0%)

Yellow (83%)

Black (16%)



Cyan (27%)

Magenta (16%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.3360, -73.6226, 0.5823 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 185.3360, -73.6226, 0.5823 by changing the saturation by 10% instead.

■ 185.3360,
-73.6226, 0.5823

■ 185.3360,
-73.6226, 0.5823

■ 255.0000, 0.0000,
0.0000

■ 156.1250,
-76.9696, 0.7674

■ 234.6390,
-66.3770, 9.9636

■ 131.6050,
-64.8813, -3.1616

■ 240.6360,
-55.0365, 12.5972

■ 107.9710,
-53.2297, -6.9906

■ 243.8280,
-42.8062, 9.7978

■ 84.9240, -41.8675,
-11.3343

■ 247.1340,
-30.1391, 6.8985

■ 61.8770, -30.5054,
-15.6781

■ 250.5540,
-17.0351, 3.8991

■ 38.8080, -19.1323,
-23.5106

■ 253.8600, -4.3680,

■ 22.3060, -10.9969,

0.9998

-19.5624

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 185.3360,
-73.6226, 0.5823

■ 185.3360,
-73.6226, 0.5823

■ 182.0450,
-82.3532, 0.8375

■ 188.6270,
-64.8921, 0.3271

■ 179.4380,
-88.4629, 0.4929

■ 192.3310,
-55.8722, 0.5867

■ 195.6220,
-47.1416, 0.3315

■ 199.0270,
-37.9743, -0.0237

■ 202.6170,
-29.3912, 0.3359

■ 205.9080,
-20.6606, 0.0807

■ 209.6120,
-11.6407, 0.3403

■ 212.9030, -2.9102,
0.0851

■ 216.3080, 6.2572,
-0.2701

Harmonies

Analogous

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



190.6250, -81.6531, 56.4569



185.3360, -73.6226, 0.5823



171.3520, -34.6835, -75.7307

Triad

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



185.3360, -73.6226, 0.5823



164.6670, 44.5342, -144.4130



177.7320, 23.7961, 67.7640

Complementary

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



185.3360, -73.6226, 0.5823



64.6640, 73.6226, -0.5823

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



185.3360, -73.6226, 0.5823



155.8620, 48.8750, -136.6910

Square

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



185.3360, -73.6226, 0.5823



168.1890, 42.7978, -147.5018



188.4400, 32.8141, -24.9419



170.2420, -9.9793, 74.3328

Rectangle

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



185.3360, -73.6226, 0.5823



154.5720, -1.7610, -135.5596



188.4400, 32.8141, -24.9419



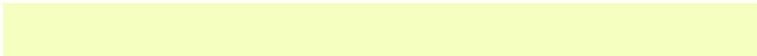
184.6910, 32.6903, 61.6610

Sweetspot

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



185.3360, -73.6226, 0.5823



244.7140, -26.4810, 0.2508



105.0710, -34.0520, 95.5307



121.4610, -16.0033, -0.4043



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.



185.3360, -73.6226, 0.5823



213.9700, -105.4872, 0.9033



159.0240, -60.6508, -53.5180



105.1480, -4.5100, -0.1298



143.4330, -70.7125, 0.4973



36.3040, -17.8979, 0.6104

Inverse Universe

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



64.6640, 73.6226, -0.5823



41.0300, 105.4872, -0.9033



90.9760, 60.6508, 53.5180



97.8520, 4.5100, 0.1298



27.5670, 70.7125, -0.4973



6.9950, 17.7505, 0.0044

Previews

White Background



This preview shows how the YUV color 185.3360, -73.6226, 0.5823 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 185.3360, -73.6226, 0.5823 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 185.3360, -73.6226, 0.5823

Background



This preview shows how black text looks on a background with the YUV color 185.3360, -73.6226, 0.5823.



This preview shows how white text looks on a background with the YUV color 185.3360, -73.6226, 0.5823.

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

185.3360, -73.6226, 0.5823

Protanopia

189.2090, -77.5040, 32.2657

Deuteranopia

193.4640, -70.7278, 52.2131



Tritanopia

201.7210, 6.5465, 0.2447

Trichromacy



Original Color

185.3360, -73.6226, 0.5823

Protanomaly

187.7730, -76.3031, 20.3701

Deuteranomaly

190.4140, -71.6891, 33.8399

Tritanomaly

195.4520, -22.4078, 0.4806

Monochromacy



Original Color

185.3360, -73.6226, 0.5823

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.3010, -26.7704, -0.2640

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.3360, -73.6226, 0.5823 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, 214, 36)` looks like.

```
.text, #text, p{  
    color:rgb(186, 214, 36)  
}
```

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, 214, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 214, 36) }
```

Border

The CSS property to change the border of an element to YUV 185.3360, -73.6226, 0.5823 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, 214, 36) }
```


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

```
.border{ border-color:rgb(186, 214, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 214, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 214, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 214, 36);  
box-shadow:4px 4px 4px 4px rgb(186, 214,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 185.3360, -73.6226, 0.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 214, 36) }
```

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

```
.background{ background-color: rgb(186,  
214, 36) }
```

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