

Converting Colors

YUV(84.3600, 33.8395,
-73.9837)

Have a look what the booklet for
YUV(84.3600, 33.8395, -73.9837)
contains.

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Color

**YUV(84.3600, 33.8395,
-73.9837)**

Conversions

Conversions Part 1

Format	Color
Hex	007299
RGB	0, 114, 153
RGB Percent	0%, 45%, 60%
CMY	1.0000, 0.5529, 0.4000
CMYK	1.00, 0.25, 0.00, 0.40
HSL	195°, 100%, 30%
HSV	195°, 100%, 60%
XYZ	11.7671, 14.3345, 32.2836
YIQ	84.3600, -80.4630, -12.0390

Conversions

Conversions Part 2

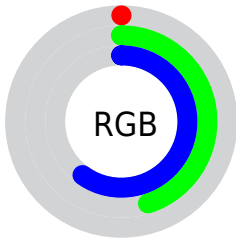
Format	Color
RYB	0, 65, 153
Decimal	29337
CIELab	44.71, -12.48, -28.69
CIELCh	45, 31.289, 246.498
Yxy	14.3345, 0.2015, 0.2455
Android (android.graphics.Color)	4278219417 (0xFF007299)
YUV	84.3600, 33.8395, -73.9837
Hunter-Lab	37.8610, -10.7794, -24.0533

Details

The YUV color **84.3600, 33.8395, -73.9837** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **68.6400, -33.8395, 73.9837**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5690, 30.2855, -53.9960**, and **50.3700, 25.4536, -44.1745** is the 20% darker color. If you saturate the color by 10%, you get **84.3600, 33.8395, -73.9837**, and if you desaturate by 10%, it is **91.1930, 30.4709, -66.8213**.

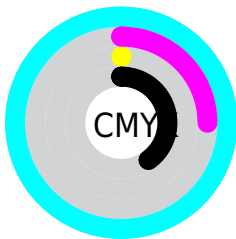
Distribution



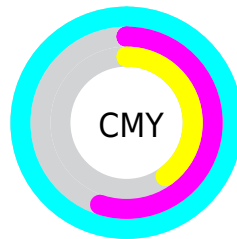
- Red (0%)
- Green (45%)
- Blue (60%)



- Red (0%)
- Yellow (25%)
- Blue (60%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.3600, 33.8395, -73.9837 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 84.3600, 33.8395, -73.9837 by changing the saturation by 10% instead.

84.3600, 33.8395,
-73.9837

84.3600, 33.8395,
-73.9837

255.0000, 0.0000,
0.0000

66.7210, 29.7175,
-58.5143

146.5690, 30.2855,
-53.9960

50.3700, 25.4536,
-44.1745

174.5800, 30.2801,
-52.2517

34.7200, 21.3370,
-30.4494

201.8530, 26.2015,
-50.7371

20.8310, 16.3523,
-18.2688

226.9600, 13.8237,
-47.3229

4.9360, 13.8356,
-4.3289

239.1530, 7.8126,
-32.5832

0.6840, 2.6208,
-0.5999

248.1230, 3.3904,

0.0000, 0.0000,

-14.1399

0.0000

■ 84.3600, 33.8395,
-73.9837

■ 91.1930, 30.4709,
-66.8213

■ 98.3250, 26.9548,
-59.0440

■ 105.1580, 23.5861,
-51.8816

■ 111.9910, 20.2174,
-44.7191

■ 119.1230, 16.7014,
-36.9419

■ 125.3690, 13.6221,
-29.2646

■ 132.2020, 10.2534,
-22.1022

■ 139.0350, 6.8847,
-14.9397

■ 146.1670, 3.3687,
-7.1625

Harmonies

Analogous

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



84.7700, 25.2564, -74.3433



84.3600, 33.8395, -73.9837



103.1320, 26.5569, -24.6718

Triad

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



84.3600, 33.8395, -73.9837



107.7540, -3.3297, 41.4347



100.1240, -18.3021, -9.7557

Complementary

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



84.3600, 33.8395, -73.9837



68.6400, -33.8395, 73.9837

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.



103.2470, -24.7718, 12.0614



84.3600, 33.8395, -73.9837



106.0670, -14.8230, 41.1602

Square

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



84.3600, 33.8395, -73.9837



108.8910, 8.9277, 29.9136



105.1120, -23.2262, 29.7198



95.2870, -5.5645, -35.3317

Rectangle

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



84.3600, 33.8395, -73.9837



107.1240, 22.1239, -2.7397



105.1120, -23.2262, 29.7198



101.3700, -21.3814, -2.0785

Sweetspot

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



84.3600, 33.8395, -73.9837



172.2550, 13.1853, -29.1646



94.1430, -27.6785, -82.5634



83.2520, 7.7638, -16.8840



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



84.3600, 33.8395, -73.9837



109.5620, 44.0929, -96.0859



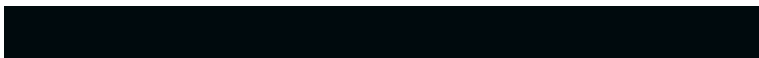
39.7480, 55.8332, -34.8590



73.4340, 1.7580, -3.8886



77.5950, 30.7657, -68.0508



7.3520, 2.7845, -6.4477

Inverse Universe

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



58.7430, 27.2417, 82.6634



76.3730, 35.3121, 107.5439



113.2520, -55.8332, 34.8590



72.0760, 1.4415, 4.3183



53.8300, 25.2268, 75.5711



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 84.3600, 33.8395, -73.9837 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 84.3600, 33.8395, -73.9837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

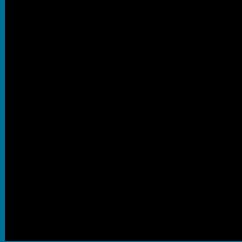
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 84.3600, 33.8395, -73.9837

Background



This preview shows how black text looks on a background with the YUV color 84.3600, 33.8395, -73.9837.



This preview shows how white text looks on a background with the YUV color 84.3600, 33.8395,

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

84.3600, 33.8395, -73.9837

Protanopia

105.3850, 19.5302, -10.8616

Deuteranopia

104.4210, 24.9354, -17.9092

Trichromacy



Original Color

84.3600, 33.8395, -73.9837

Protanomaly

97.9090, 24.6949, -34.1232

Deuteranomaly

96.7990, 28.2001, -38.4117

Monochromacy



Original Color

84.3600, 33.8395, -73.9837

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0380, 12.3063, -27.2203

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.3600, 33.8395, -73.9837 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(0, 114, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 153)  
}
```

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(0, 114, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 153) }
```

Border

The CSS property to change the border of an element to YUV 84.3600, 33.8395, -73.9837 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(0, 114, 153) }
```

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

```
.border{ border-color:rgb(0, 114, 153) }
```

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

Here you see how a box with a 4 pixel rgb(0, 114, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
153) }
```


Background

The CSS property to change the background color of an element to YUV 84.3600, 33.8395, -73.9837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 153) }
```

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

```
.background{ background-color: rgb(0, 114,  
153) }
```

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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