

Converting Colors

YUV(99.3600, 30.3885,
-87.1387)

Have a look what the booklet for
YUV(99.3600, 30.3885, -87.1387)
contains.

YUV(99.3600, 30.3885, -87.1387)	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(99.3600, 30.3885,
-87.1387)**

Conversions

Conversions Part 1

Format	Color
Hex	008AA1
RGB	0, 138, 161
RGB Percent	0%, 54%, 63%
CMY	1.0000, 0.4588, 0.3686
CMYK	1.00, 0.14, 0.00, 0.37
HSL	189°, 100%, 32%
HSV	189°, 100%, 63%
XYZ	15.5215, 20.7502, 36.9053
YIQ	99.3600, -89.6310, -22.1030

Conversions

Conversions Part 2

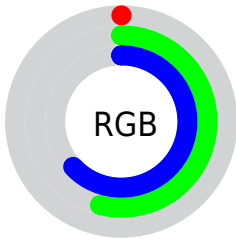
Format	Color
RYB	0, 74, 161
Decimal	35489
CIELab	52.67, -22.72, -21.04
CIELCh	53, 30.963, 222.808
Yxy	20.7502, 0.2121, 0.2836
Android (android.graphics.Color)	4278225569 (0xFF008AA1)
YUV	99.3600, 30.3885, -87.1387
Hunter-Lab	45.5524, -18.8946, -16.1486

Details

The YUV color **99.3600, 30.3885, -87.1387** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **61.6400, -30.3885, 87.1387**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2380, 25.5187, -65.1067**, and **64.0820, 22.1446, -56.1999** is the 20% darker color. If you saturate the color by 10%, you get **99.3600, 30.3885, -87.1387**, and if you desaturate by 10%, it is **105.3180, 27.4512, -78.3319**.

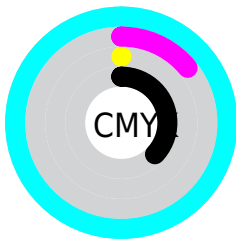
Distribution



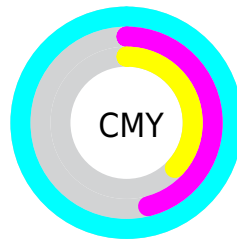
- Red (0%)
- Green (54%)
- Blue (63%)



- Red (0%)
- Yellow (29%)
- Blue (63%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.3600, 30.3885, -87.1387 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 99.3600, 30.3885, -87.1387 by changing the saturation by 10% instead.

■ 99.3600, 30.3885,
-87.1387

■ 99.3600, 30.3885,
-87.1387

■ 255.0000, 0.0000,
0.0000

■ 81.1340, 26.5559,
-71.1545

■ 164.2380, 25.5187,
-65.1067

■ 64.0820, 22.1446,
-56.1999

■ 192.8360, 25.2239,
-63.8772

■ 47.2580, 18.6068,
-41.4453

■ 219.4960, 17.5035,
-60.9480

■ 31.7220, 14.9271,
-27.8202

■ 232.2760, 11.2029,
-46.7231

■ 15.7130, 11.9735,
-13.7803

■ 241.2460, 6.7807,
-28.2797

■ 2.6390, 7.5730,
-2.3144

■ 250.2160, 2.3585,

■ 0.0000, 0.0000,

-9.8364

0.0000

■ 99.3600, 30.3885,
-87.1387

■ 105.3180, 27.4512,
-78.3319

■ 111.8630, 24.2245,
-70.0399

■ 117.8210, 21.2872,
-61.2330

■ 123.7790, 18.3500,
-52.4262

■ 130.6230, 14.9759,
-43.5194

■ 136.5810, 12.0386,
-34.7125

■ 142.5390, 9.1013,
-25.9057

■ 148.4970, 6.1640,
-17.0989

■ 155.0420, 2.9373,
-8.8068

Harmonies

Analogous

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



105.5720, 15.4940, -69.7846



99.3600, 30.3885, -87.1387



115.4770, 29.8378, -50.4073

Triad

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



99.3600, 30.3885, -87.1387



129.2290, 6.2961, 34.0022



122.9260, -24.6135, 7.9579

Complementary

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



99.3600, 30.3885, -87.1387



61.6400, -30.3885, 87.1387

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.



125.0470, -24.6732, 27.1458



99.3600, 30.3885, -87.1387



127.6680, -6.2453, 43.2642

Square

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



99.3600, 30.3885, -87.1387



129.0720, 17.7125, 12.2149



126.6710, -17.5858, 40.6305



119.5470, -16.5387, -15.3887

Rectangle

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



99.3600, 30.3885, -87.1387



122.0500, 27.5833, -27.2308



126.6710, -17.5858, 40.6305



123.7420, -25.5088, 15.1353

Sweetspot

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



99.3600, 30.3885, -87.1387



184.8800, 11.8912, -34.0978



96.9010, -37.4192, -84.9822



90.1160, 7.3378, -20.2727



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



99.3600, 30.3885, -87.1387



128.8990, 39.4898, -113.0444



52.9870, 53.2504, -46.4696



78.1350, 1.9054, -4.5034



89.9050, 27.1618, -78.8467



10.8570, 3.5215, -9.5216

Inverse Universe

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



63.8710, 36.5456, 85.1821



82.8970, 47.3788, 110.5923



108.0130, -53.2504, 46.4696



76.4890, 1.7309, 4.8331



57.6050, 33.2257, 76.6454



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 99.3600, 30.3885, -87.1387 looks on a white 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

Black Background



This preview shows how the YUV color 99.3600, 30.3885, -87.1387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

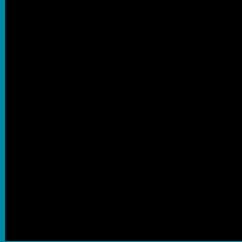
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 99.3600, 30.3885, -87.1387

Background



This preview shows how black text looks on a background with the YUV color 99.3600, 30.3885, -87.1387.



This preview shows how white text looks on a background with the YUV color 99.3600, 30.3885, -87.1387.

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

99.3600, 30.3885, -87.1387

Protanopia

125.5830, 12.5306, -5.7733

Deuteranopia

125.5810, 18.9406, -8.4025

Trichromacy



Original Color

99.3600, 30.3885, -87.1387

Protanomaly

116.1170, 19.1693, -35.1826

Deuteranomaly

115.8440, 23.2479, -36.6972

Monochromacy



Original Color

99.3600, 30.3885, -87.1387

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0760, 11.3015, -31.6387

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3600, 30.3885, -87.1387 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, 138, 161)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 161)  
}
```

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, 138, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 161) }
```

Border

The CSS property to change the border of an element to YUV 99.3600, 30.3885, -87.1387 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, 138, 161) }
```

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

```
.border{ border-color:rgb(0, 138, 161) }
```

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

Here you see how a box with a 4 pixel rgb(0, 138, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 161);  
box-shadow:4px 4px 4px 4px rgb(0, 138,  
161) }
```


Background

The CSS property to change the background color of an element to YUV 99.3600, 30.3885, -87.1387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 161) }
```

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

```
.background{ background-color: rgb(0, 138,  
161) }
```

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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