

Converting Colors

YUV(100.3300, 59.4903,
-87.9894)

Have a look what the booklet for
YUV(100.3300, 59.4903, -87.9894)
contains.

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Color

**YUV(100.3300, 59.4903,
-87.9894)**

Conversions

Conversions Part 1

Format	Color
Hex	0080DD
RGB	0, 128, 221
RGB Percent	0%, 50%, 87%
CMY	1.0000, 0.4980, 0.1333
CMYK	1.00, 0.42, 0.00, 0.13
HSL	205°, 100%, 43%
HSV	205°, 100%, 87%
XYZ	20.7703, 20.6588, 71.2994
YIQ	100.3300, -106.1410, 1.7870

Conversions

Conversions Part 2

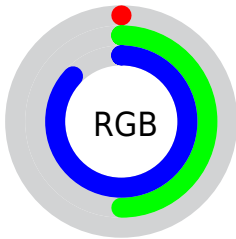
Format	Color
R _{YB}	0, 81, 221
Decimal	32989
CIE _{Lab}	52.57, 5.59, -55.44
CIE _{LCh}	53, 55.725, 275.755
Yxy	20.6588, 0.1843, 0.1833
Android (android.graphics.Color)	4278223069 (0xFF0080DD)
YUV	100.3300, 59.4903, -87.9894
Hunter-Lab	45.4520, 2.0288, -61.1905

Details

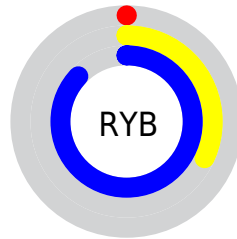
The YUV color **100.3300, 59.4903, -87.9894** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **120.6700, -59.4903, 87.9894**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5270, 44.1102, -54.8362**, and **65.7700, 48.9204, -57.6803** is the 20% darker color. If you saturate the color by 10%, you get **100.3300, 59.4903, -87.9894**, and if you desaturate by 10%, it is **112.1910, 53.6428, -79.0975**.

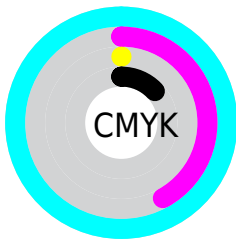
Distribution



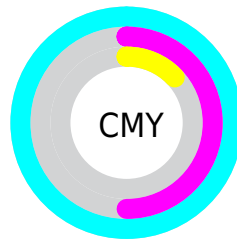
- Red (0%)
- Green (50%)
- Blue (87%)



- Red (0%)
- Yellow (32%)
- Blue (87%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.3300, 59.4903, -87.9894 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 100.3300, 59.4903, -87.9894 by changing the saturation by 10% instead.

■ 100.3300, 59.4903,
-87.9894

■ 100.3300, 59.4903,
-87.9894

255.0000, 0.0000,
0.0000

■ 82.4630, 54.4947,
-72.3201

■ 165.5270, 44.1102,
-54.8362

■ 65.7700, 48.9204,
-57.6803

■ 191.8300, 31.1428,
-48.9629

■ 49.7780, 43.4934,
-43.6553

■ 217.5350, 18.4702,
-44.3192

■ 34.4870, 38.2139,
-30.2451

■ 237.9570, 8.4022,
-35.0423

■ 19.3100, 33.3712,
-16.9349

■ 247.2260, 3.8326,
-15.9842

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 100.3300, 59.4903,
-87.9894

■ 112.1910, 53.6428,
-79.0975

■ 124.6390, 47.5060,
-70.7204

■ 136.5000, 41.6585,
-61.8285

■ 148.3610, 35.8110,
-52.9366

■ 161.1080, 29.5268,
-43.9447

■ 172.9690, 23.6793,
-35.0528

■ 184.8300, 17.8318,
-26.1609

■ 196.6910, 11.9843,
-17.2690

■ 209.1390, 5.8475,
-8.8919

Harmonies

Analogous

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



106.9350, 51.7970, -93.7820



100.3300, 59.4903, -87.9894



128.8000, 37.0736, 8.9454

Triad

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



100.3300, 59.4903, -87.9894



122.0450, -24.6722, 73.6285



94.6910, -5.2707, -83.0440

Complementary

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



100.3300, 59.4903, -87.9894



120.6700, -59.4903, 87.9894

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.



112.7750, -35.8781, -19.0967



100.3300, 59.4903, -87.9894



121.0920, -42.9364, 51.6623

Square

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



100.3300, 59.4903, -87.9894



122.3270, -2.1332, 77.7662



117.4890, -52.0061, 20.6191



102.1520, 15.7011, -89.5873

Rectangle

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



100.3300, 59.4903, -87.9894



128.6210, 25.3298, 42.4284



117.4890, -52.0061, 20.6191



103.4680, -16.9927, -56.5384

Sweetspot

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



100.3300, 59.4903, -87.9894



213.4920, 20.4634, -30.2495



140.2150, -23.7700, -122.9686



102.5060, 12.5685, -17.9838



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.



100.3300, 59.4903, -87.9894



115.9460, 68.5536, -101.6846



35.7600, 91.3233, -31.3615



103.7760, 3.0684, -4.1886



78.4220, 46.6270, -68.7761



21.0930, 12.2792, -18.4986

Inverse Universe

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



80.6710, 23.3332, 123.0685



93.1170, 27.0573, 141.9714



185.2400, -91.3233, 31.3615



102.9730, 0.9993, 6.1627



63.1270, 18.1784, 96.3586



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 100.3300, 59.4903, -87.9894 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 100.3300, 59.4903, -87.9894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

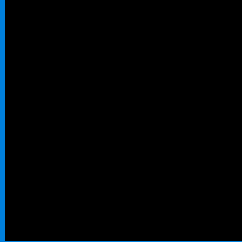
Any Text WCAG AA ✓ Pass

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 100.3300, 59.4903, -87.9894 Background



This preview shows how black text looks on a background with the YUV color 100.3300, 59.4903, -87.9894.



This preview shows how white text looks on a background with the YUV color 100.3300, 59.4903, -87.9894.

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

100.3300, 59.4903, -87.9894

Protanopia

121.2400, 46.2237, -32.6595

Deuteranopia

110.8060, 54.3256, -64.7279



Tritanopia

98.4650, 24.4208, -86.3538

Trichromacy



Original Color

100.3300, 59.4903, -87.9894

Protanomaly

113.3730, 51.0881, -52.9471

Deuteranomaly

106.9190, 56.2419, -72.7200

Tritanomaly

99.1950, 37.3719, -86.9940

Monochromacy



Original Color

100.3300, 59.4903, -87.9894

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1220, 21.6319, -31.6790

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3300, 59.4903, -87.9894 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, 128, 221)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 221)  
}
```

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, 128, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 221) }
```

Border

The CSS property to change the border of an element to YUV 100.3300, 59.4903, -87.9894 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, 128, 221) }
```


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

```
.border{ border-color:rgb(0, 128, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 128, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 100.3300, 59.4903, -87.9894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 221) }
```

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

```
.background{ background-color: rgb(0, 128,  
221) }
```

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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