

Converting Colors

YUV(102.3040, 59.0101,
-73.9346)

Have a look what the booklet for
YUV(102.3040, 59.0101, -73.9346)
contains.

YUV(102.3040, 59.0101, -73.9346)	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(102.3040, 59.0101,
-73.9346)**

Conversions

Conversions Part 1

Format	Color
Hex	127ADE
RGB	18, 122, 222
RGB Percent	7%, 48%, 87%
CMY	0.9294, 0.5216, 0.1294
CMYK	0.92, 0.45, 0.00, 0.13
HSL	209°, 85%, 47%
HSV	209°, 92%, 87%
XYZ	20.3938, 19.3216, 71.7618
YIQ	102.3040, -94.0840, 9.0520

Conversions

Conversions Part 2

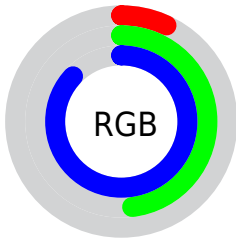
Format	Color
R_{YB}	18, 87, 222
Decimal	1211102
CIE _{Lab}	51.06, 10.28, -58.43
CIE _{LCh}	51, 59.324, 279.976
Yxy	19.3216, 0.1829, 0.1733
Android (android.graphics.Color)	4279401182 (0xFF127ADE)
YUV	102.3040, 59.0101, -73.9346
Hunter-Lab	43.9563, 5.8926, -66.0257

Details

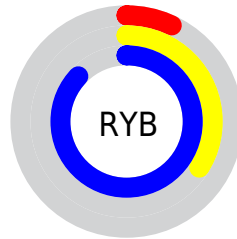
The YUV color **102.3040, 59.0101, -73.9346** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **137.6960, -59.0101, 73.9346**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2010, 45.2569, -49.2883**, and **62.3620, 51.0935, -54.6915** is the 20% darker color. If you saturate the color by 10%, you get **91.6390, 64.2680, -80.3674**, and if you desaturate by 10%, it is **115.3390, 52.5839, -66.0723**.

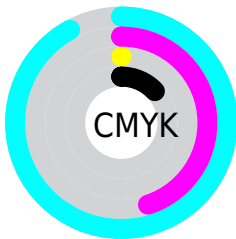
Distribution



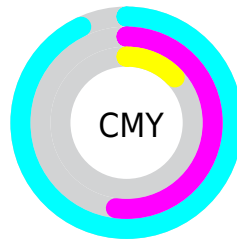
- Red (7%)
- Green (48%)
- Blue (87%)



- Red (7%)
- Yellow (34%)
- Blue (87%)



- Cyan (92%)
- Magenta (45%)
- Yellow (0%)
- Black (13%)



- Cyan (93%)
- Magenta (52%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.3040, 59.0101, -73.9346 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 102.3040, 59.0101, -73.9346 by changing the saturation by 10% instead.

■ 102.3040, 59.0101,
-73.9346

■ 102.3040, 59.0101,
-73.9346

255.0000, 0.0000,
0.0000

■ 79.6420, 56.3785,
-69.8460

■ 163.2010, 45.2569,
-49.2883

■ 62.3620, 51.0935,
-54.6915

■ 188.6180, 32.7263,
-43.5150

■ 46.9570, 45.3772,
-41.1813

■ 214.3230, 20.0538,
-38.8713

■ 32.2530, 39.8083,
-28.2859

■ 238.8540, 7.9600,
-33.1980

■ 14.7280, 36.1231,
-12.9165

■ 248.1230, 3.3904,
-14.1399

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 102.3040, 59.0101,
-73.9346

■ 102.3040, 59.0101,
-73.9346

■ 91.6390, 64.2680,
-80.3674

■ 115.3390, 52.5839,
-66.0723

■ 128.3740, 46.1576,
-58.2100

■ 141.7080, 39.5840,
-49.7329

■ 154.7430, 33.1577,
-41.8706

■ 167.1910, 27.0208,
-33.4935

■ 180.2260, 20.5946,
-25.6312

■ 193.2610, 14.1683,
-17.7689

■ 206.5950, 7.5947,
-9.2918

■ 219.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



104.5700, 55.4280, -91.7079



102.3040, 59.0101, -73.9346



124.8550, 37.0465, 17.6672

Triad

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



102.3040, 59.0101, -73.9346



116.4320, -28.3140, 75.0431



93.6310, -4.2551, -82.1144

Complementary

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



102.3040, 59.0101, -73.9346



137.6960, -59.0101, 73.9346

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.



105.9480, -34.9774, -28.0184



102.3040, 59.0101, -73.9346



115.4310, -50.4985, 50.4880

Square

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



102.3040, 59.0101, -73.9346



116.0890, -4.4809, 84.1139



112.2450, -55.3368, 15.5711



100.8470, 18.3164, -88.4428

Rectangle

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



102.3040, 59.0101, -73.9346



123.4480, 24.4291, 51.3501



112.2450, -55.3368, 15.5711



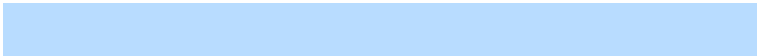
90.5190, -11.1019, -79.3852

Sweetspot

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



102.3040, 59.0101, -73.9346



213.2260, 20.5946, -25.6312



149.0340, -15.7928, -114.9168



101.9300, 12.8525, -15.7246



0.0000, 0.0000, 0.0000



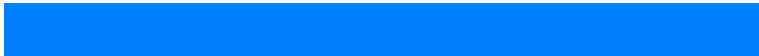
128.0000, 0.0000, 0.0000

Same Dimension

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



102.3040, 59.0101, -73.9346



105.3800, 73.7627, -92.4183



43.0170, 88.2386, -21.9399



105.7760, 3.0684, -4.1886



72.8940, 50.8313, -63.9280



20.1470, 13.7315, -17.6689

Inverse Universe

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



90.8520, 15.3560, 115.0168



91.0650, 19.1950, 143.7710



196.9830, -88.2386, 21.9399



104.9730, 0.9993, 6.1627



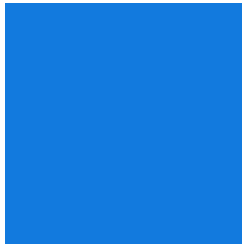
62.8840, 13.3682, 99.2027



17.2020, 3.8444, 27.0098

Previews

White Background



This preview shows how the YUV color 102.3040, 59.0101, -73.9346 looks on a white background.

Color Contrast Check

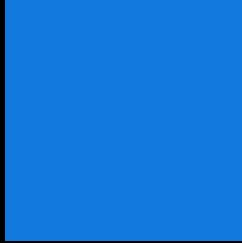
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.3040, 59.0101, -73.9346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

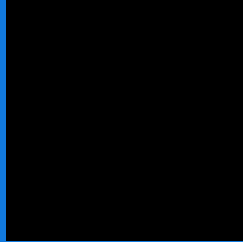
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 102.3040, 59.0101, -73.9346

Background



This preview shows how black text looks on a background with the YUV color 102.3040, 59.0101, -73.9346.



This preview shows how white text looks on a background with the YUV color 102.3040, 59.0101, -73.9346.

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

102.3040, 59.0101, -73.9346

Protanopia

115.8310, 49.8763, -37.5628

Deuteranopia

97.0530, 59.6269, -85.1155



Tritanopia

94.9600, 23.6837, -83.2799

Trichromacy



Original Color

102.3040, 59.0101, -73.9346

Protanomaly

110.6660, 53.4087, -50.5731

Deuteranomaly

99.2600, 59.0318, -80.9120

Tritanomaly

98.0110, 36.4766, -79.8166

Monochromacy



Original Color

102.3040, 59.0101, -73.9346

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.8560, 21.7630, -27.0607

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.3040, 59.0101, -73.9346 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(18, 122, 222)` looks like.

```
.text, #text, p{  
    color:rgb(18, 122, 222)  
}
```

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(18, 122, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 122, 222) }
```

Border

The CSS property to change the border of an element to YUV 102.3040, 59.0101, -73.9346 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(18, 122, 222) }
```


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

```
.border{ border-color:rgb(18, 122, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 122, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 122, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 122, 222);  
box-shadow:4px 4px 4px 4px rgb(18, 122,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 102.3040, 59.0101, -73.9346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 122, 222) }
```

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

```
.background{ background-color: rgb(18, 122,  
222) }
```

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