

Converting Colors

YUV(102.1240, 41.8439,
-74.6537)

Have a look what the booklet for
YUV(102.1240, 41.8439, -74.6537)
contains.

YUV(102.1240, 41.8439, -74.6537)	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(102.1240, 41.8439,
-74.6537)**

Conversions

Conversions Part 1

Format	Color
Hex	1181BB
RGB	17, 129, 187
RGB Percent	7%, 51%, 73%
CMY	0.9333, 0.4941, 0.2667
CMYK	0.91, 0.31, 0.00, 0.27
HSL	200°, 83%, 40%
HSV	200°, 91%, 73%
XYZ	17.0511, 19.4075, 49.8611
YIQ	102.1240, -85.3700, -5.7060

Conversions

Conversions Part 2

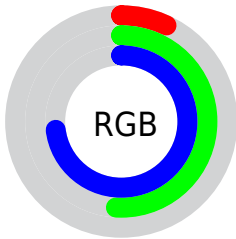
Format	Color
RYB	17, 85, 187
Decimal	1147323
CIELab	51.16, -7.49, -38.36
CIELCh	51, 39.087, 258.951
Yxy	19.4075, 0.1975, 0.2248
Android (android.graphics.Color)	4279337403 (0xFF1181BB)
YUV	102.1240, 41.8439, -74.6537
Hunter-Lab	44.0540, -8.0062, -36.2676

Details

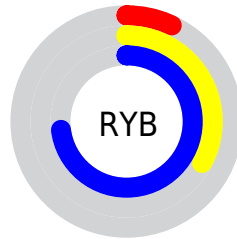
The YUV color **102.1240, 41.8439, -74.6537** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **101.8760, -41.8439, 74.6537**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8380, 39.0269, -57.7399**, and **62.1220, 34.9429, -54.4810** is the 20% darker color. If you saturate the color by 10%, you get **93.5190, 46.0861, -82.0162**, and if you desaturate by 10%, it is **111.3270, 37.3068, -66.0618**.

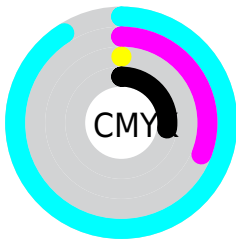
Distribution



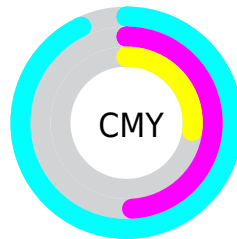
- Red (7%)
- Green (51%)
- Blue (73%)



- Red (7%)
- Yellow (33%)
- Blue (73%)



- Cyan (91%)
- Magenta (31%)
- Yellow (0%)
- Black (27%)



- Cyan (93%)
- Magenta (49%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.1240, 41.8439, -74.6537 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 102.1240, 41.8439, -74.6537 by changing the saturation by 10% instead.

■ 102.1240, 41.8439,
-74.6537

■ 102.1240, 41.8439,
-74.6537

■ 255.0000, 0.0000,
0.0000

■ 79.2880, 39.7910,
-69.5356

■ 163.8380, 39.0269,
-57.7399

■ 62.1220, 34.9429,
-54.4810

■ 190.3240, 31.8853,
-53.7811

■ 45.7710, 30.6789,
-40.1412

■ 215.7300, 19.3601,
-49.7522

■ 30.5940, 25.8362,
-26.8309

■ 235.2660, 9.7289,
-40.5753

■ 14.4710, 22.4458,
-12.6911

■ 244.2360, 5.3067,
-22.1320

■ 5.3920, 15.5827,
-4.7288

■ 253.2060, 0.8844,

■ 2.1830, 5.8258,

-3.6887

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 102.1240, 41.8439,
-74.6537

■ 102.1240, 41.8439,
-74.6537

■ 93.5190, 46.0861,
-82.0162

■ 111.3270, 37.3068,
-66.0618

■ 120.8180, 32.6277,
-58.5994

■ 130.0210, 28.0906,
-50.0074

■ 139.8110, 23.2642,
-41.9302

■ 149.0140, 18.7271,
-33.3383

■ 157.9180, 14.3374,
-25.3611

■ 167.7080, 9.5110,
-17.2839

■ 176.9110, 4.9739,
-8.6919

■ 185.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



99.3260, 35.3353, -87.1089



102.1240, 41.8439, -74.6537



121.4520, 31.3292, -15.3054

Triad

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



102.1240, 41.8439, -74.6537



122.7080, -10.2090, 54.6301



111.8400, -17.6691, -26.1697

Complementary

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



102.1240, 41.8439, -74.6537



101.8760, -41.8439, 74.6537

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.



117.1120, -30.1282, 3.4098



102.1240, 41.8439, -74.6537



121.6950, -24.0066, 46.7485

Square

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



102.1240, 41.8439, -74.6537



124.4910, 5.6739, 46.9274



119.8100, -31.9513, 28.2306



98.4010, 4.7323, -71.3887

Rectangle

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



102.1240, 41.8439, -74.6537



125.0810, 24.1171, 11.3300



119.8100, -31.9513, 28.2306



113.9400, -22.6484, -15.7334

Sweetspot

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



102.1240, 41.8439, -74.6537



209.6510, 15.9481, -28.6349



123.2880, -24.2990, -93.2146



102.7080, 9.5110, -17.2839



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



102.1240, 41.8439, -74.6537



121.5080, 59.4026, -106.5625



52.8160, 66.1527, -31.4106



89.5480, 2.1948, -3.9886



79.0600, 38.9174, -69.3356



15.2740, 7.7529, -13.3953

Inverse Universe

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



80.5980, 23.8622, 93.3146



90.5980, 34.2152, 132.7796



151.1840, -66.1527, 31.4106



88.3750, 1.2941, 4.9331



59.0980, 22.1367, 86.7371



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 102.1240, 41.8439, -74.6537 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 102.1240, 41.8439, -74.6537 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 102.1240, 41.8439, -74.6537

Background



This preview shows how black text looks on a background with the YUV color 102.1240, 41.8439, -74.6537.

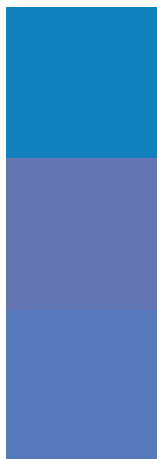


This preview shows how white text looks on a background with the YUV color 102.1240, 41.8439, -74.6537.

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

102.1240, 41.8439, -74.6537

Protanopia

120.4580, 28.8612, -17.0647

Deuteranopia

118.2870, 34.8615, -28.3157



Tritanopia

95.7750, 24.2679, -83.9947

Trichromacy



Original Color

102.1240, 41.8439, -74.6537

Protanomaly

113.8790, 33.5837, -38.4819

Deuteranomaly

112.4590, 37.2417, -45.1295

Tritanomaly

98.1050, 30.5142, -80.7761

Monochromacy



Original Color

102.1240, 41.8439, -74.6537

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1350, 15.2164, -27.3054

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.1240, 41.8439, -74.6537 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(17, 129, 187)` looks like.

```
.text, #text, p{  
    color:rgb(17, 129, 187)  
}
```

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(17, 129, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 129, 187) }
```

Border

The CSS property to change the border of an element to YUV 102.1240, 41.8439, -74.6537 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(17, 129, 187) }
```


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

```
.border{ border-color:rgb(17, 129, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 129, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 129, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 129, 187);  
box-shadow:4px 4px 4px 4px rgb(17, 129,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 102.1240, 41.8439, -74.6537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 129, 187) }
```

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

```
.background{ background-color: rgb(17, 129,  
187) }
```

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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