

Converting Colors

YUV(100.0760, 58.1365,
-73.7347)

Have a look what the booklet for
YUV(100.0760, 58.1365, -73.7347)
contains.

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Color

**YUV(100.0760, 58.1365,
-73.7347)**

Conversions

Conversions Part 1

Format	Color
Hex	1078DA
RGB	16, 120, 218
RGB Percent	6%, 47%, 85%
CMY	0.9373, 0.5294, 0.1451
CMYK	0.93, 0.45, 0.00, 0.15
HSL	209°, 86%, 46%
HSV	209°, 93%, 85%
XYZ	19.5850, 18.6051, 68.8886
YIQ	100.0760, -93.4420, 8.4300

Conversions

Conversions Part 2

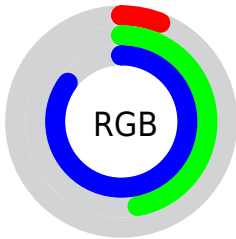
Format	Color
R _Y B	16, 85, 218
Decimal	1079514
CIE Lab	50.22, 9.88, -57.52
CIE LCh	50, 58.363, 279.751
Yxy	18.6051, 0.1829, 0.1738
Android (android.graphics.Color)	4279269594 (0xFF1078DA)
YUV	100.0760, 58.1365, -73.7347
Hunter-Lab	43.1336, 5.5652, -64.4984

Details

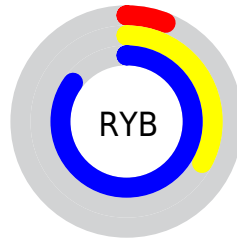
The YUV color **100.0760, 58.1365, -73.7347** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **133.9240, -58.1365, 73.7347**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4290, 46.1305, -49.4882**, and **61.3190, 49.6357, -53.7768** is the 20% darker color. If you saturate the color by 10%, you get **90.5960, 62.8102, -79.4527**, and if you desaturate by 10%, it is **113.1110, 51.7103, -65.8723**.

Distribution



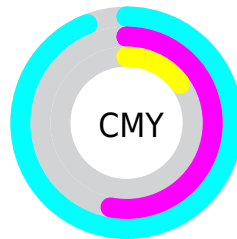
- Red (6%)
- Green (47%)
- Blue (85%)



- Red (6%)
- Yellow (33%)
- Blue (85%)



- Cyan (93%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (94%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.0760, 58.1365, -73.7347 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 100.0760, 58.1365, -73.7347 by changing the saturation by 10% instead.

■ 100.0760, 58.1365,
-73.7347

■ 100.0760, 58.1365,
-73.7347

255.0000, 0.0000,
0.0000

■ 78.0120, 55.2101,
-68.4165

■ 161.4290, 46.1305,
-49.4882

■ 61.3190, 49.6357,
-53.7768

■ 187.1450, 33.4525,
-43.1002

■ 45.3270, 44.2088,
-39.7518

■ 212.8500, 20.7800,
-38.4564

■ 31.2100, 38.3505,
-27.3712

■ 238.5550, 8.1074,
-33.8127

■ 12.6250, 35.6809,
-11.0721

■ 247.5250, 3.6852,
-15.3694

■ 10.3620, 24.4715,
-9.0875

■ 5.5060, 16.0195,

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 100.0760, 58.1365,
-73.7347

■ 100.0760, 58.1365,
-73.7347

■ 90.5960, 62.8102,
-79.4527

■ 113.1110, 51.7103,
-65.8723

■ 125.5590, 45.5734,
-57.4952

■ 138.2950, 39.2946,
-50.2477

■ 150.7430, 33.1577,
-41.8706

■ 163.7780, 26.7314,
-34.0083

■ 176.2260, 20.5946,
-25.6312

■ 189.2610, 14.1683,
-17.7689

■ 201.9970, 7.8895,
-10.5214

■ 214.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



102.9400, 54.2596, -90.2784



100.0760, 58.1365, -73.7347



122.9150, 36.0309, 16.7375

Triad

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



100.0760, 58.1365, -73.7347



114.8340, -28.0192, 73.8136



91.6420, -4.2605, -80.3700

Complementary

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



100.0760, 58.1365, -73.7347



133.9240, -58.1365, 73.7347

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.



104.7740, -34.3986, -26.9888



100.0760, 58.1365, -73.7347



113.4740, -49.0407, 49.5733

Square

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



100.0760, 58.1365, -73.7347



114.0780, -4.4755, 82.3696



109.8860, -54.1738, 15.8860



98.7440, 17.8742, -86.5985

Rectangle

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



100.0760, 58.1365, -73.7347



121.3230, 23.9978, 49.7057



109.8860, -54.1738, 15.8860



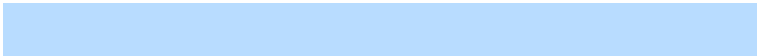
89.1170, -11.3967, -78.1556

Sweetspot

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



100.0760, 58.1365, -73.7347



213.2260, 20.5946, -25.6312



145.7460, -15.6508, -113.7872



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.



100.0760, 58.1365, -73.7347



105.9670, 73.4733, -92.9331



40.7890, 87.3650, -21.7400



103.1890, 3.3578, -3.6738



71.9650, 49.8103, -63.1133



19.3320, 13.1473, -16.9542

Inverse Universe

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



88.2540, 15.6508, 113.7872



91.1790, 19.6318, 143.6710



193.2110, -87.3650, 21.7400



102.8590, 0.5625, 6.2627



61.8730, 13.3736, 97.4584



16.4900, 3.7024, 25.8803

Previews

White Background



This preview shows how the YUV color 100.0760, 58.1365, -73.7347 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 100.0760, 58.1365, -73.7347 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

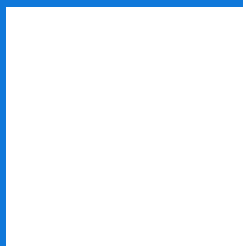
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.0760, 58.1365, -73.7347

Background



This preview shows how black text looks on a background with the YUV color 100.0760, 58.1365, -73.7347.



This preview shows how white text looks on a background with the YUV color 100.0760, 58.1365, -73.7347.

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

100.0760, 58.1365, -73.7347

Protanopia

113.9020, 48.8553, -36.7481

Deuteranopia

95.4230, 58.4585, -83.6860



Tritanopia

93.5580, 23.3889, -82.0504

Trichromacy



Original Color

100.0760, 58.1365, -73.7347

Protanomaly

108.7370, 52.3877, -49.7583

Deuteranomaly

97.3310, 58.0108, -80.0973

Tritanomaly

96.1960, 35.8924, -79.1019

Monochromacy



Original Color

100.0760, 58.1365, -73.7347

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.7420, 21.3262, -26.9607

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0760, 58.1365, -73.7347 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(16, 120, 218)` looks like.

```
.text, #text, p{  
    color:rgb(16, 120, 218)  
}
```

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(16, 120, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 120, 218) }
```

Border

The CSS property to change the border of an element to YUV 100.0760, 58.1365, -73.7347 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(16, 120, 218) }
```


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

```
.border{ border-color:rgb(16, 120, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 120, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 120, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 120, 218);  
box-shadow:4px 4px 4px 4px rgb(16, 120,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 100.0760, 58.1365, -73.7347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 120, 218) }
```

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

```
.background{ background-color: rgb(16, 120,  
218) }
```

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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