

Converting Colors

YUV(111.1470, 36.9025,
-76.4279)

Have a look what the booklet for
YUV(111.1470, 36.9025, -76.4279)
contains.

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Color

**YUV(111.1470, 36.9025,
-76.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	188DBA
RGB	24, 141, 186
RGB Percent	9%, 55%, 73%
CMY	0.9059, 0.4471, 0.2706
CMYK	0.87, 0.24, 0.00, 0.27
HSL	197°, 77%, 41%
HSV	197°, 87%, 73%
XYZ	18.7645, 22.7891, 49.8641
YIQ	111.1470, -84.1770, -10.8090

Conversions

Conversions Part 2

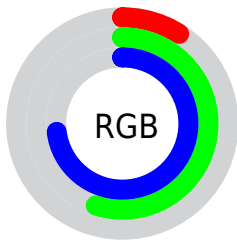
Format	Color
R_{YB}	24, 92, 186
Decimal	1609146
CIE _{Lab}	54.85, -14.27, -32.00
CIE _{LCh}	55, 35.034, 245.970
Yxy	22.7891, 0.2053, 0.2493
Android (android.graphics.Color)	4279799226 (0xFF188DBA)
YUV	111.1470, 36.9025, -76.4279
Hunter-Lab	47.7379, -13.3779, -28.5141

Details

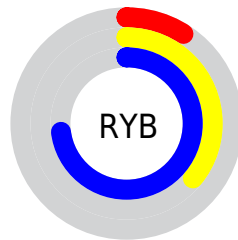
The YUV color **111.1470, 36.9025, -76.4279** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **98.8530, -36.9025, 76.4279**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2520, 34.3858, -62.4880**, and **68.5790, 31.7596, -60.1438** is the 20% darker color. If you saturate the color by 10%, you get **102.5310, 41.1502, -85.5347**, and if you desaturate by 10%, it is **119.7630, 32.6548, -67.3212**.

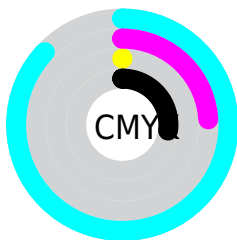
Distribution



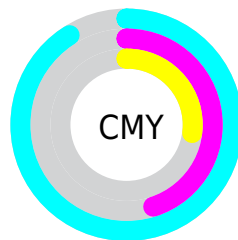
- Red (9%)
- Green (55%)
- Blue (73%)



- Red (9%)
- Yellow (36%)
- Blue (73%)



- Cyan (87%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (91%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.1470, 36.9025, -76.4279 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 111.1470, 36.9025, -76.4279 by changing the saturation by 10% instead.

■ 111.1470, 36.9025,
-76.4279

■ 111.1470, 36.9025,
-76.4279

■ 255.0000, 0.0000,
0.0000

■ 85.6310, 36.1709,
-75.0984

■ 172.2520, 34.3858,
-62.4880

■ 68.5790, 31.7596,
-60.1438

■ 199.4390, 27.3916,
-59.1440

■ 51.5270, 27.3482,
-45.1892

■ 224.8450, 14.8664,
-55.1151

■ 35.8770, 23.2316,
-31.4641

■ 235.8640, 9.4340,
-39.3457

■ 21.9880, 18.2469,
-19.2835

■ 245.1330, 4.8644,
-20.2876

■ 5.3920, 15.5827,
-4.7288

■ 254.1030, 0.4422,

■ 2.1830, 5.8258,

-1.8443

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 111.1470, 36.9025,
-76.4279

■ 111.1470, 36.9025,
-76.4279

■ 102.5310, 41.1502,
-85.5347

■ 119.7630, 32.6548,
-67.3212

■ 99.8620, 42.4660,
-87.5790

■ 128.0800, 28.5546,
-58.8292

■ 137.2830, 24.0175,
-50.2372

■ 145.6000, 19.9172,
-41.7452

■ 154.2160, 15.6695,
-32.6384

■ 162.8320, 11.4218,
-23.5317

■ 171.1490, 7.3215,
-15.0397

■ 179.7650, 3.0739,
-5.9329

■ 188.0820, -1.0264,
2.5591

Harmonies

Analogous

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



104.6260, 30.2574, -91.7570



111.1470, 36.9025, -76.4279



127.6630, 31.2251, -28.6455

Triad

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



111.1470, 36.9025, -76.4279



133.6840, -3.7882, 48.5121



124.9020, -21.6437, -11.3151

Complementary

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



111.1470, 36.9025, -76.4279



98.8530, -36.9025, 76.4279

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.



128.2320, -28.7084, 14.7055



111.1470, 36.9025, -76.4279



132.1280, -17.3181, 48.1227

Square

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



111.1470, 36.9025, -76.4279



135.0810, 10.8061, 34.1320



130.8200, -27.0263, 35.2379



119.3250, -6.5692, -39.7500

Rectangle

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



111.1470, 36.9025, -76.4279



132.8510, 26.2025, -4.2543



130.8200, -27.0263, 35.2379



126.0450, -25.1652, -1.7935

Sweetspot

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



111.1470, 36.9025, -76.4279



213.1840, 14.2063, -29.9794



123.9960, -28.0990, -87.6965



104.7680, 8.4954, -18.2135



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.



111.1470, 36.9025, -76.4279



130.3130, 55.0617, -114.2845



64.7740, 59.7644, -35.7588



87.5480, 2.1948, -3.9886



83.5280, 35.7287, -73.2541



14.9320, 6.4425, -13.0954

Inverse Universe

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



85.7760, 27.2254, 87.8964



92.3080, 40.7672, 131.2799



145.2260, -59.7644, 35.7588



86.3750, 1.2941, 4.9331



59.4120, 25.9259, 84.7077



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 111.1470, 36.9025, -76.4279 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 111.1470, 36.9025, -76.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

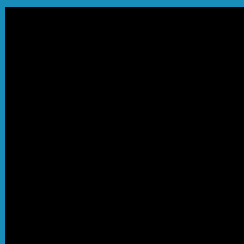
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

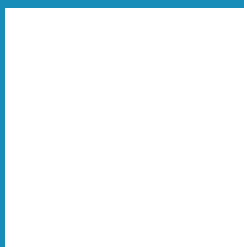
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.1470, 36.9025, -76.4279

Background



This preview shows how black text looks on a background with the YUV color 111.1470, 36.9025, -76.4279.

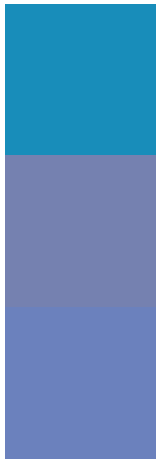


This preview shows how white text looks on a background with the YUV color 111.1470, 36.9025, -76.4279.

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

111.1470, 36.9025, -76.4279

Protanopia

130.7700, 22.2984, -12.0763

Deuteranopia

129.2620, 29.4508, -19.5238



Tritanopia

102.8990, 26.1788, -90.2424

Trichromacy



Original Color

111.1470, 36.9025, -76.4279

Protanomaly

123.4080, 27.8999, -35.4378

Deuteranomaly

122.5260, 32.2787, -39.9263

Tritanomaly

106.2570, 29.9463, -85.2944

Monochromacy



Original Color

111.1470, 36.9025, -76.4279

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9670, 13.3273, -28.0351

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.1470, 36.9025, -76.4279 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(24, 141, 186)` looks like.

```
.text, #text, p{  
    color:rgb(24, 141, 186)  
}
```

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(24, 141, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 141, 186) }
```

Border

The CSS property to change the border of an element to YUV 111.1470, 36.9025, -76.4279 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(24, 141, 186) }
```


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

```
.border{ border-color:rgb(24, 141, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 141, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 141, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 141, 186);  
box-shadow:4px 4px 4px 4px rgb(24, 141,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 111.1470, 36.9025, -76.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 141, 186) }
```

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

```
.background{ background-color: rgb(24, 141,  
186) }
```

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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