

Converting Colors

YUV(105.2230, 18.1311,
-75.6176)

Have a look what the booklet for
YUV(105.2230, 18.1311, -75.6176)
contains.

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Color

**YUV(105.2230, 18.1311,
-75.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	138E8E
RGB	19, 142, 142
RGB Percent	7%, 56%, 56%
CMY	0.9255, 0.4431, 0.4431
CMYK	0.87, 0.00, 0.00, 0.44
HSL	180°, 76%, 32%
HSV	180°, 87%, 56%
XYZ	14.8240, 21.4374, 28.9477
YIQ	105.2230, -73.3080, -26.0760

Conversions

Conversions Part 2

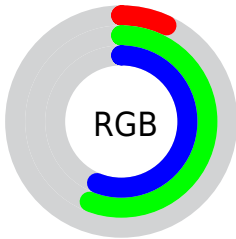
Format	Color
R _Y B	19, 81, 142
Decimal	1281678
CIE Lab	53.42, -30.10, -8.90
CIE LCh	53, 31.394, 196.476
Yxy	21.4374, 0.2273, 0.3287
Android (android.graphics.Color)	4279471758 (0xFF138E8E)
YUV	105.2230, 18.1311, -75.6176
Hunter-Lab	46.3006, -23.8757, -4.6585

Details

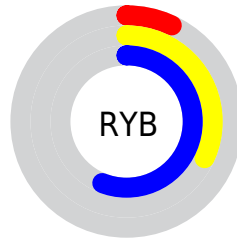
The YUV color **105.2230, 18.1311, -75.6176** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **55.7770, -18.1311, 75.6176**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9040, 15.3303, -63.9368**, and **63.9050, 13.8508, -56.0447** is the 20% darker color. If you saturate the color by 10%, you get **101.0370, 20.1948, -84.2244**, and if you desaturate by 10%, it is **109.4090, 16.0674, -67.0107**.

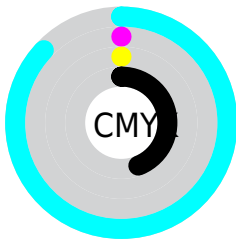
Distribution



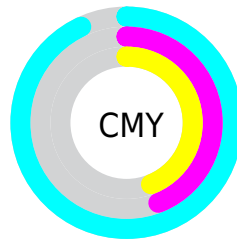
- Red (7%)
- Green (56%)
- Blue (56%)



- Red (7%)
- Yellow (32%)
- Blue (56%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (93%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.2230, 18.1311, -75.6176 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 105.2230, 18.1311, -75.6176 by changing the saturation by 10% instead.

■ 105.2230, 18.1311,
-75.6176

■ 105.2230, 18.1311,
-75.6176

■ 255.0000, 0.0000,
0.0000

■ 81.3160, 17.0992,
-71.3141

■ 164.9040, 15.3303,
-63.9368

■ 63.9050, 13.8508,
-56.0447

■ 193.5020, 15.0355,
-62.7073

■ 47.0810, 10.3131,
-41.2900

■ 222.3880, 14.5987,
-62.6073

■ 31.0720, 7.3595,
-27.2501

■ 232.5750, 11.0555,
-46.1083

■ 15.2910, 5.2795,
-13.4102

■ 241.2460, 6.7807,
-28.2797

■ 0.0000, 0.0000,
0.0000

■ 250.2160, 2.3585,

-9.8364

■ 105.2230, 18.1311,
-75.6176

■ 105.2230, 18.1311,
-75.6176

■ 101.0370, 20.1948,
-84.2244

■ 109.4090, 16.0674,
-67.0107

■ 99.5420, 20.9318,
-87.2983

■ 113.5950, 14.0037,
-58.4038

■ 118.0800, 11.7926,
-49.1822

■ 122.2660, 9.7289,
-40.5753

■ 126.4520, 7.6652,
-31.9684

■ 130.6380, 5.6015,
-23.3615

■ 134.8240, 3.5378,
-14.7546

■ 139.3090, 1.3267,
-5.5330

■ 143.4950, -0.7370,
3.0739

Harmonies

Analogous

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



115.1980, -0.5906, -44.0236



105.2230, 18.1311, -75.6176



102.5990, 31.2567, -85.5943

Triad

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



105.2230, 18.1311, -75.6176



130.8660, 16.8281, 15.9035



126.8080, -25.5413, 25.6014

Complementary

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



105.2230, 18.1311, -75.6176



55.7770, -18.1311, 75.6176

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.



128.6170, -19.0382, 39.8009



105.2230, 18.1311, -75.6176



130.8980, 4.9803, 36.0465

Square

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



105.2230, 18.1311, -75.6176



127.2690, 25.5034, -13.3909



129.6250, -7.7031, 44.1789



124.3170, -24.3133, 4.9840

Rectangle

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



105.2230, 18.1311, -75.6176



114.3620, 30.8805, -58.1995



129.6250, -7.7031, 44.1789



127.5960, -23.9578, 31.0493

Sweetspot

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



105.2230, 18.1311, -75.6176



169.6480, 7.0755, -29.5093



91.2010, -35.5951, -63.3203



83.3290, 4.2748, -17.8285



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



105.2230, 18.1311, -75.6176



128.9840, 27.1229, -113.1190



69.4160, 35.7839, -44.2148



68.9070, 1.0318, -4.3034



94.6350, 19.8999, -82.9949



5.6080, 1.1793, -4.9182

Inverse Universe

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



69.7990, 35.5951, 63.3203



75.9920, 53.2479, 94.7230



92.1710, -36.0733, 43.7000



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 105.2230, 18.1311, -75.6176 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 105.2230, 18.1311, -75.6176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

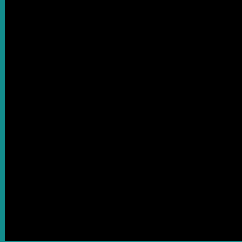
Any Text WCAG AA ✓ Pass

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 105.2230, 18.1311, -75.6176 Background



This preview shows how black text looks on a background with the YUV color 105.2230, 18.1311, -75.6176.

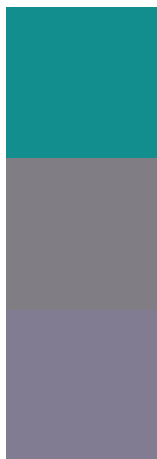


This preview shows how white text looks on a background with the YUV color 105.2230, 18.1311, -75.6176.

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

105.2230, 18.1311, -75.6176

Protanopia

127.2820, 2.3260, 0.6297

Deuteranopia

128.3020, 8.7251, 1.4891



Tritanopia

108.7770, 21.3089, -68.2104

Trichromacy



Original Color

105.2230, 18.1311, -75.6176

Protanomaly

119.3000, 8.2331, -27.4501

Deuteranomaly

120.3370, 12.1589, -26.6055

Tritanomaly

107.7120, 19.8620, -70.7844

Monochromacy



Original Color

105.2230, 18.1311, -75.6176

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8440, 6.4859, -27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.2230, 18.1311, -75.6176 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(19, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(19, 142, 142)  
}
```

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(19, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 142, 142) }
```

Border

The CSS property to change the border of an element to YUV 105.2230, 18.1311, -75.6176 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(19, 142, 142) }
```


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

```
.border{ border-color:rgb(19, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(19, 142,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 105.2230, 18.1311, -75.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 142, 142) }
```

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

```
.background{ background-color: rgb(19, 142,  
142) }
```

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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