

# Converting Colors

YUV(79.5030, 13.5560,  
-54.8151)

Have a look what the booklet for  
YUV(79.5030, 13.5560, -54.8151)  
contains.

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# Color

**YUV(79.5030, 13.5560,  
-54.8151)**

# Conversions

## Conversions Part 1

Format	Color
Hex	116A6B
RGB	17, 106, 107
RGB Percent	7%, 42%, 42%
CMY	0.9333, 0.5843, 0.5804
CMYK	0.84, 0.01, 0.00, 0.58
HSL	181°, 73%, 24%
HSV	181°, 84%, 42%
XYZ	8.0390, 11.4888, 15.7038
YIQ	79.5030, -53.3650, -18.5570

# Conversions

## Conversions Part 2

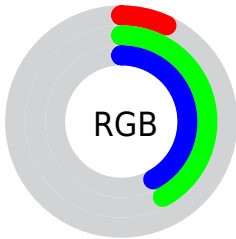
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 62, 107
Decimal	1141355
CIE <sub>Lab</sub>	40.39, -23.59, -7.66
CIE <sub>LCh</sub>	40, 24.801, 197.984
Yxy	11.4888, 0.2282, 0.3261
Android (android.graphics.Color)	4279331435 (0xFF116A6B)
YUV	79.5030, 13.5560, -54.8151
Hunter-Lab	33.8951, -16.9808, -3.7428

# Details

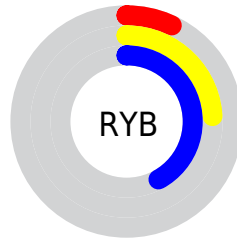
The YUV color **79.5030, 13.5560, -54.8151** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **44.4970, -13.5560, 54.8151**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6780, 11.4977, -47.9526**, and **40.8860, 9.4232, -35.8570** is the 20% darker color. If you saturate the color by 10%, you get **76.2140, 15.1775, -61.5777**, and if you desaturate by 10%, it is **82.7920, 11.9345, -48.0526**.

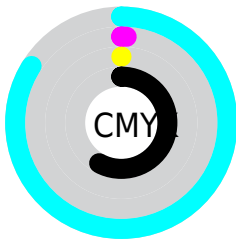
# Distribution



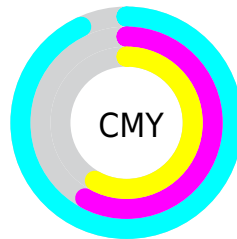
- Red (7%)
- Green (42%)
- Blue (42%)



- Red (7%)
- Yellow (24%)
- Blue (42%)



- Cyan (84%)
- Magenta (1%)
- Yellow (0%)
- Black (58%)



- Cyan (93%)
- Magenta (58%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.5030, 13.5560, -54.8151 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 79.5030, 13.5560, -54.8151 by changing the saturation by 10% instead.



■ 79.5030, 13.5560,  
-54.8151

■ 79.5030, 13.5560,  
-54.8151

■ 255.0000, 0.0000,  
0.0000

■ 57.5960, 12.5242,  
-50.5117

■ 134.6780, 11.4977,  
-47.9526

■ 40.8860, 9.4232,  
-35.8570

■ 161.9770, 11.3503,  
-47.3378

■ 25.4640, 6.1802,  
-22.3319

■ 189.9770, 11.3503,  
-47.3378

■ 3.8130, 6.9942,  
-3.3440

■ 217.6780, 11.4977,  
-47.9526

■ 0.0000, 0.0000,  
0.0000

■ 236.1630, 9.2866,  
-38.7310

■ 244.8340, 5.0118,

-20.9024

253.5050, 0.7370,  
-3.0739

79.5030, 13.5560,  
-54.8151

79.5030, 13.5560,  
-54.8151

76.2140, 15.1775,  
-61.5777

82.7920, 11.9345,  
-48.0526

74.4200, 16.0619,  
-65.2663

85.7820, 10.4605,  
-41.9048

89.0710, 8.8390,  
-35.1423

92.3600, 7.2175,  
-28.3797

95.9370, 5.4541,  
-22.7467

■ 99.2260, 3.8326,  
-15.9842

■ 102.5150, 2.2111,  
-9.2217

■ 105.8040, 0.5896,  
-2.4591

■ 108.7940, -0.8844,  
3.6887

# Harmonies

## Analogous

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



86.0790, -0.0389, -34.2723



79.5030, 13.5560, -54.8151



79.7830, 22.2920, -56.8147

# Triad

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



79.5030, 13.5560, -54.8151



98.1770, 11.7447, 12.9998



94.4850, -18.9731, 18.8687

# Complementary

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



79.5030, 13.5560, -54.8151



44.4970, -13.5560, 54.8151

# 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.



95.7020, -14.6431, 30.0793



79.5030, 13.5560, -54.8151



97.3870, 3.2602, 27.7246

# Square

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



79.5030, 13.5560, -54.8151



95.5810, 18.9406, -8.4025



96.9010, -6.3602, 33.4128



92.6140, -18.0507, 2.9695



# Rectangle

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



79.5030, 13.5560, -54.8151



85.9960, 22.6800, -41.2155



96.9010, -6.3602, 33.4128



95.0340, -18.2578, 22.7722

# Sweetspot

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



79.5030, 13.5560, -54.8151



129.5350, 5.1592, -21.5172



69.8300, -26.0452, -46.3319



64.7210, 3.0955, -12.9103



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



79.5030, 13.5560, -54.8151



97.5530, 20.9264, -85.5540



53.6750, 26.2892, -32.1640



51.6190, 1.1738, -3.1739



81.4300, 17.5360, -71.4141



169.9840, 36.9829, -149.0760



# Inverse Universe

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



54.0560, 25.6084, 46.4319



57.7060, 40.0779, 72.1718



70.3250, -26.2892, 32.1640



50.3640, 1.2995, 3.1888



48.2070, 33.4219, 60.3315



100.8430, 69.5904, 126.4257



# Previews

## White Background



This preview shows how the YUV color 79.5030, 13.5560, -54.8151 looks on a white 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



# Black Background



This preview shows how the YUV color 79.5030, 13.5560, -54.8151 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

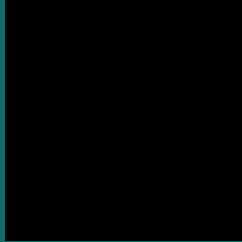
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 79.5030, 13.5560, -54.8151 Background



This preview shows how black text looks on a background with the YUV color 79.5030, 13.5560, -54.8151.



This preview shows how white text looks on a background with the YUV color 79.5030, 13.5560,



# 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

79.5030, 13.5560, -54.8151

### Protanopia

94.9830, 2.4734, 0.0149

### Deuteranopia

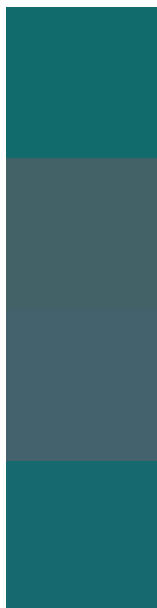
96.1340, 6.8359, 0.7595



## Tritanopia

81.8070, 15.8711, -50.6967

# Trichromacy



## Original Color

79.5030, 13.5560, -54.8151

## Protanomaly

89.3010, 6.7536, -19.5580

## Deuteranomaly

90.2840, 9.2270, -19.5431

## Tritanomaly

80.5680, 15.0030, -52.2411

# Monochromacy



## Original Color

79.5030, 13.5560, -54.8151

## Achromatopsia

80.0000, 0.0000, 0.0000

## Achromatomaly

79.5460, 5.1538, -19.7728

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.5030, 13.5560, -54.8151 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, 106, 107)` looks like.

```
.text, #text, p{  
    color:rgb(17, 106, 107)  
}
```

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, 106, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 106, 107) }
```

## Border

The CSS property to change the border of an element to YUV 79.5030, 13.5560, -54.8151 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, 106, 107) }
```



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

```
.border{ border-color:rgb(17, 106, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 106, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 106, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 106, 107);  
box-shadow:4px 4px 4px 4px rgb(17, 106,  
107) }
```

# Background

The CSS property to change the background color of an element to YUV 79.5030, 13.5560, -54.8151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 106, 107) }
```

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

```
.background{ background-color: rgb(17, 106,  
107) }
```

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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