

Converting Colors

YUV(79.8990, 16.3188,
-54.2854)

Have a look what the booklet for
YUV(79.8990, 16.3188, -54.2854)
contains.

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Color

**YUV(79.8990, 16.3188,
-54.2854)**

Conversions

Conversions Part 1

Format	Color
Hex	126971
RGB	18, 105, 113
RGB Percent	7%, 41%, 44%
CMY	0.9294, 0.5882, 0.5569
CMYK	0.84, 0.07, 0.00, 0.56
HSL	185°, 73%, 26%
HSV	185°, 84%, 44%
XYZ	8.2817, 11.4240, 17.3913
YIQ	79.8990, -54.4200, -15.9560

Conversions

Conversions Part 2

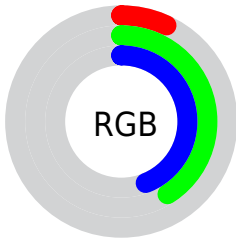
Format	Color
RYB	18, 63, 113
Decimal	1206641
CIELab	40.29, -20.95, -11.47
CIElCh	40, 23.881, 208.706
Yxy	11.4240, 0.2232, 0.3079
Android (android.graphics.Color)	4279396721 (0xFF126971)
YUV	79.8990, 16.3188, -54.2854
Hunter-Lab	33.7994, -15.4122, -6.8478

Details

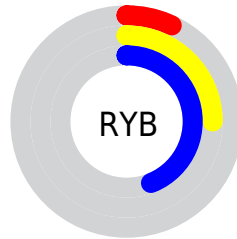
The YUV color **79.8990, 16.3188, -54.2854** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **51.1010, -16.3188, 54.2854**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4870, 14.5499, -46.9081**, and **40.8690, 11.8966, -35.8421** is the 20% darker color. If you saturate the color by 10%, you get **76.0230, 18.2297, -60.5332**, and if you desaturate by 10%, it is **83.7750, 14.4079, -48.0377**.

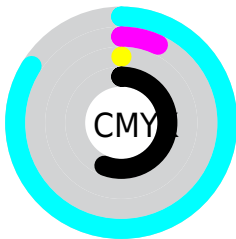
Distribution



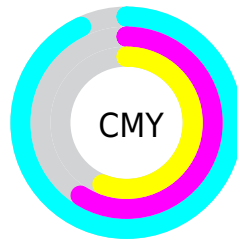
- Red (7%)
- Green (41%)
- Blue (44%)



- Red (7%)
- Yellow (25%)
- Blue (44%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)



- Cyan (93%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.8990, 16.3188, -54.2854 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 79.8990, 16.3188, -54.2854 by changing the saturation by 10% instead.

■ 79.8990, 16.3188,
-54.2854

■ 79.8990, 16.3188,
-54.2854

■ 255.0000, 0.0000,
0.0000

■ 57.6930, 15.4344,
-50.5968

■ 135.4870, 14.5499,
-46.9081

■ 40.8690, 11.8966,
-35.8421

■ 162.4870, 14.5499,
-46.9081

■ 26.0340, 8.3642,
-22.8318

■ 189.9000, 14.8393,
-46.3933

■ 4.3830, 9.1782,
-3.8439

■ 218.4870, 14.5499,
-46.9081

■ 0.0000, 0.0000,
0.0000

■ 236.4620, 9.1392,
-38.1162

■ 245.1330, 4.8644,

-20.2876

254.1030, 0.4422,
-1.8443

■ 79.8990, 16.3188,
-54.2854

■ 79.8990, 16.3188,
-54.2854

■ 76.0230, 18.2297,
-60.5332

■ 83.7750, 14.4079,
-48.0377

■ 73.3430, 19.5509,
-64.3218

■ 87.9500, 12.3496,
-41.1752

■ 91.8260, 10.4388,
-34.9274

■ 95.7020, 8.5279,
-28.6797

■ 99.8770, 6.4696,
-21.8171

■ 103.7530, 4.5588,
-15.5694

■ 107.6290, 2.6479,
-9.3216

■ 111.5050, 0.7370,
-3.0739

■ 115.6800, -1.3212,
3.7886

Harmonies

Analogous

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



84.1970, 4.3399, -38.7608



79.8990, 16.3188, -54.2854



84.3330, 21.5278, -45.0190

Triad

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



79.8990, 16.3188, -54.2854



97.9990, 8.3815, 18.4179



93.5660, -18.5200, 13.5356

Complementary

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



79.8990, 16.3188, -54.2854



51.1010, -16.3188, 54.2854

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.



95.2130, -16.3740, 25.2462



79.8990, 16.3188, -54.2854



97.1870, -0.0922, 29.6540

Square

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



79.8990, 16.3188, -54.2854



96.2400, 16.1507, -0.2105



96.0920, -9.4124, 32.3683



91.5640, -15.5611, -2.2486

Rectangle

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



79.8990, 16.3188, -54.2854



89.7200, 21.3370, -30.4494



96.0920, -9.4124, 32.3683



94.3000, -18.3889, 18.1539

Sweetspot

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



79.8990, 16.3188, -54.2854



135.1760, 6.3222, -21.2024



74.6770, -23.9978, -49.7057



66.2480, 3.8217, -12.4955



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



79.8990, 16.3188, -54.2854



96.1170, 25.5783, -84.2946



52.3100, 29.9202, -30.0899



54.2060, 0.8844, -3.6887



78.2500, 20.5828, -68.6252



161.4070, 42.1973, -141.5539

Inverse Universe

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



56.3230, 23.9978, 49.7057



59.6420, 37.1515, 77.4900



78.6900, -29.9202, 30.0899



52.4780, 1.7363, 3.0888



48.4200, 30.3589, 62.7757



99.7310, 62.7436, 129.1549

Previews

White Background



This preview shows how the YUV color 79.8990, 16.3188, -54.2854 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 79.8990, 16.3188, -54.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

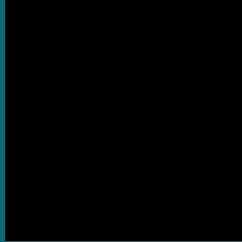
Any Text WCAG AA × Fail

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 79.8990, 16.3188, -54.2854 Background



This preview shows how black text looks on a background with the YUV color 79.8990, 16.3188, -54.2854.



This preview shows how white text looks on a background with the YUV color 79.8990, 16.3188,

-54.2854.

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

79.8990, 16.3188, -54.2854

Protanopia

95.0690, 5.3890, -1.8145

Deuteranopia

95.6220, 10.0464, -2.2995



Tritanopia

80.1980, 16.1714, -53.6706

Trichromacy



Original Color

79.8990, 16.3188, -54.2854

Protanomaly

89.6860, 9.5218, -20.7726

Deuteranomaly

89.7830, 12.4320, -20.8577

Tritanomaly

80.1980, 16.1714, -53.6706

Monochromacy



Original Color

79.8990, 16.3188, -54.2854

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.7740, 6.0274, -19.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8990, 16.3188, -54.2854 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(18, 105, 113)` looks like.

```
.text, #text, p{  
    color:rgb(18, 105, 113)  
}
```

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(18, 105, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 105, 113) }
```

Border

The CSS property to change the border of an element to YUV 79.8990, 16.3188, -54.2854 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(18, 105, 113) }
```


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

```
.border{ border-color:rgb(18, 105, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 105, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 105, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 105, 113);  
box-shadow:4px 4px 4px 4px rgb(18, 105,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 79.8990, 16.3188, -54.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 105, 113) }
```

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

```
.background{ background-color: rgb(18, 105,  
113) }
```

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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