

Converting Colors

YUV(94.5570, 5.1484, -18.0285)

Have a look what the booklet for
YUV(94.5570, 5.1484, -18.0285)
contains.

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Color

**YUV(94.5570, 5.1484,
-18.0285)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6769
RGB	74, 103, 105
RGB Percent	29%, 40%, 41%
CMY	0.7098, 0.5961, 0.5882
CMYK	0.30, 0.02, 0.00, 0.59
HSL	184°, 17%, 35%
HSV	184°, 30%, 41%
XYZ	10.2241, 12.1763, 15.1760
YIQ	94.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

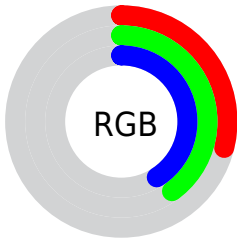
Format	Color
R_{YB}	74, 89, 105
Decimal	4876137
CIE _{Lab}	41.49, -10.03, -4.57
CIE _{LCh}	41, 11.021, 204.481
Yxy	12.1763, 0.2721, 0.3240
Android (android.graphics.Color)	4283066217 (0xFF4A6769)
YUV	94.5570, 5.1484, -18.0285
Hunter-Lab	34.8945, -8.7649, -1.3597

Details

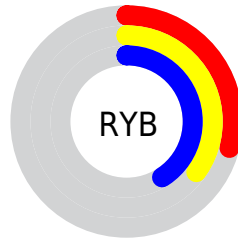
The YUV color **94.5570, 5.1484, -18.0285** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.4430, -5.1484, 18.0285**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2580, 5.2958, -18.6433**, and **47.8560, 5.0010, -17.4137** is the 20% darker color. If you saturate the color by 10%, you get **90.9800, 6.9119, -23.6615**, and if you desaturate by 10%, it is **98.4330, 3.2375, -11.7807**.

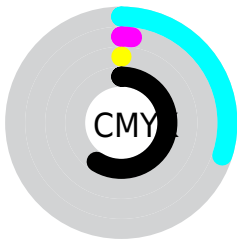
Distribution



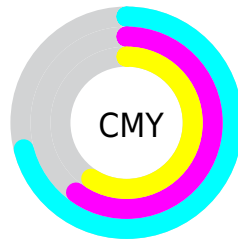
- Red (29%)
- Green (40%)
- Blue (41%)



- Red (29%)
- Yellow (35%)
- Blue (41%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (59%)



- Cyan (71%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.5570, 5.1484, -18.0285 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 94.5570, 5.1484, -18.0285 by changing the saturation by 10% instead.

■ 94.5570, 5.1484,
-18.0285

■ 94.5570, 5.1484,
-18.0285

■ 255.0000, 0.0000,
0.0000

■ 70.5570, 5.1484,
-18.0285

■ 145.2580, 5.2958,
-18.6433

■ 47.8560, 5.0010,
-17.4137

■ 171.9590, 5.4432,
-19.2580

■ 25.5570, 5.1484,
-18.0285

■ 199.6600, 5.5906,
-19.8728

■ 8.1670, 3.3687,
-7.1625

■ 227.6600, 5.5906,
-19.8728

■ 0.0000, 0.0000,
0.0000

■ 248.4220, 3.2430,
-13.5251

■ 94.5570, 5.1484,
-18.0285

■ 94.5570, 5.1484,
-18.0285

■ 90.9800, 6.9119,
-23.6615

■ 98.4330, 3.2375,
-11.7807

■ 87.6910, 8.5333,
-30.4240

■ 101.4230, 1.7635,
-5.6330

■ 84.1140, 10.2968,
-36.0570

■ 105.2990, -0.1474,
0.6148

■ 80.2380, 12.2077,
-42.3047

■ 108.8760, -1.9109,
6.2477

■ 77.2480, 13.6817,
-48.4525

■ 112.1650, -3.5323,
13.0103

■ 73.3720, 15.5926,
-54.7002

■ 115.7420, -5.2958,
18.6433

■ 69.7950, 17.3561,
-60.3332

■ 119.6180, -7.2067,
24.8910

■ 69.4960, 17.5035,

■ 122.6080, -8.6807,

-60.9480

31.0388

■ 126.4840,
-10.5916, 37.2865

Harmonies

Analogous

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



94.7270, 0.6276, -14.6696



94.5570, 5.1484, -18.0285



95.6650, 8.0532, -16.3692

Triad

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



94.5570, 5.1484, -18.0285



99.1950, 4.3409, 7.7220



98.0520, -8.8996, 7.8474

Complementary

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



94.5570, 5.1484, -18.0285



84.4430, -5.1484, 18.0285

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.



98.7260, -7.7529, 13.3953



94.5570, 5.1484, -18.0285



99.7890, 0.1040, 13.3400

Square

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



94.5570, 5.1484, -18.0285



98.3510, 7.7150, -1.1848



99.3610, -4.1220, 15.4694



96.9370, -7.8569, 0.0553

Rectangle

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



94.5570, 5.1484, -18.0285



96.3280, 9.2053, -12.5657



99.3610, -4.1220, 15.4694



98.1770, -8.4683, 9.4918

Sweetspot

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



94.5570, 5.1484, -18.0285



133.5260, 2.2057, -7.4773



92.4250, -8.0975, -16.1587



66.0210, 1.4686, -4.4034



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



94.5570, 5.1484, -18.0285



121.8870, 7.9437, -27.9649



85.7520, 9.4893, -10.3065



51.6190, 1.1738, -3.1739



77.9080, 19.2724, -68.3253



162.3530, 40.7450, -142.3836

Inverse Universe

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



86.5750, 8.0975, 16.1587



109.4820, 12.5804, 25.0103



93.2480, -9.4893, 10.3065



50.3640, 1.2995, 3.1888



47.5230, 30.8012, 60.9313



99.3610, 63.9120, 127.7254

Previews

White Background



This preview shows how the YUV color 94.5570, 5.1484, -18.0285 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 94.5570, 5.1484, -18.0285 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 94.5570, 5.1484, -18.0285

Background



This preview shows how black text looks on a background with the YUV color 94.5570, 5.1484, -18.0285.



This preview shows how white text looks on a background with the YUV color 94.5570, 5.1484, -18.0285.

-18.0285.

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

94.5570, 5.1484, -18.0285

Protanopia

97.7550, 1.5998, 0.2149

Deuteranopia

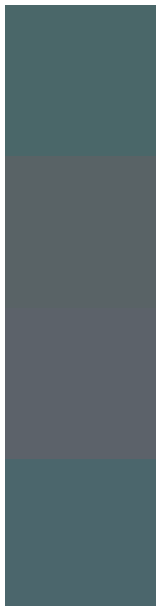
98.7600, 4.0623, 3.7185



Tritanopia

94.8390, 7.4744, -17.3988

Trichromacy



Original Color

94.5570, 5.1484, -18.0285

Protanomaly

96.3520, 2.7845, -6.4477

Deuteranomaly

97.1180, 4.3788, -4.4885

Tritanomaly

94.6110, 6.6008, -17.1988

Monochromacy



Original Color

94.5570, 5.1484, -18.0285

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8250, 2.0583, -6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5570, 5.1484, -18.0285 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(74, 103, 105)` looks like.

```
.text, #text, p{  
    color:rgb(74, 103, 105)  
}
```

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(74, 103, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 103, 105) }
```

Border

The CSS property to change the border of an element to YUV 94.5570, 5.1484, -18.0285 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(74, 103, 105) }
```


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

```
.border{ border-color:rgb(74, 103, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 103, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 103, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 103, 105);  
box-shadow:4px 4px 4px 4px rgb(74, 103,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 94.5570, 5.1484, -18.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 103, 105) }
```

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

```
.background{ background-color: rgb(74, 103,  
105) }
```

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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