

Converting Colors

YUV(96.3530, 14.6160,
-21.3576)

Have a look what the booklet for
YUV(96.3530, 14.6160, -21.3576)
contains.

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Color

**YUV(96.3530, 14.6160,
-21.3576)**

Conversions

Conversions Part 1

Format	Color
Hex	48677E
RGB	72, 103, 126
RGB Percent	28%, 40%, 49%
CMY	0.7176, 0.5961, 0.5059
CMYK	0.43, 0.18, 0.00, 0.51
HSL	206°, 27%, 39%
HSV	206°, 43%, 49%
XYZ	11.2886, 12.5846, 21.5728
YIQ	96.3530, -25.8590, 0.5810

Conversions

Conversions Part 2

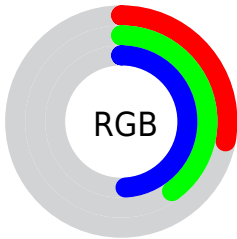
Format	Color
R_{YB}	72, 92, 126
Decimal	4745086
CIE _{Lab}	42.13, -4.79, -16.37
CIE _{LCh}	42, 17.055, 253.697
Yxy	12.5846, 0.2484, 0.2769
Android (android.graphics.Color)	4282935166 (0xFF48677E)
YUV	96.3530, 14.6160, -21.3576
Hunter-Lab	35.4747, -5.2792, -11.2229

Details

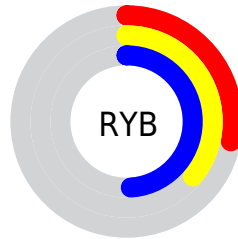
The YUV color **96.3530, 14.6160, -21.3576** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **101.6470, -14.6160, 21.3576**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5810, 15.4896, -21.5575**, and **48.2280, 14.1846, -23.0020** is the 20% darker color. If you saturate the color by 10%, you get **89.5310, 17.9792, -26.7757**, and if you desaturate by 10%, it is **103.1750, 11.2527, -15.9395**.

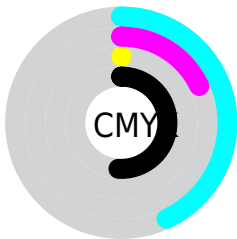
Distribution



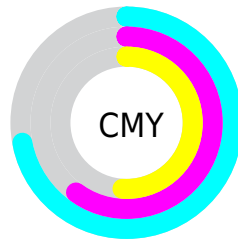
- Red (28%)
- Green (40%)
- Blue (49%)



- Red (28%)
- Yellow (36%)
- Blue (49%)



- Cyan (43%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3530, 14.6160, -21.3576 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 96.3530, 14.6160, -21.3576 by changing the saturation by 10% instead.

■ 96.3530, 14.6160,
-21.3576

■ 96.3530, 14.6160,
-21.3576

■ 255.0000, 0.0000,
0.0000

■ 71.9400, 14.3266,
-21.8724

■ 147.5810, 15.4896,
-21.5575

■ 48.2280, 14.1846,
-23.0020

■ 174.2820, 15.6370,
-22.1723

■ 26.7010, 13.4584,
-23.4168

■ 201.6950, 15.9264,
-21.6575

■ 11.3930, 10.6523,
-9.9917

■ 229.4840, 12.5794,
-21.4725

■ 0.7980, 3.0576,
-0.6998

■ 248.4220, 3.2430,
-13.5251

■ 0.0000, 0.0000,
0.0000

■ 96.3530, 14.6160,
-21.3576

■ 96.3530, 14.6160,
-21.3576

■ 89.5310, 17.9792,
-26.7757

■ 103.1750, 11.2527,
-15.9395

■ 82.4210, 21.4844,
-31.0642

■ 110.2850, 7.7475,
-11.6509

■ 75.5990, 24.8477,
-36.4823

■ 117.1070, 4.3842,
-6.2328

■ 69.0760, 28.0635,
-41.2857

■ 123.6300, 1.1684,
-1.4295

■ 61.6670, 31.7162,
-46.1890

■ 131.0390, -2.4842,
3.4738


■ 56.6280, 34.2004,
-49.6628

■ 137.8610, -5.8475,
8.8919

■ 144.9710, -9.3527,
13.1804

■ 151.7930,

-12.7159, 18.5985

 158.3160,
-15.9318, 23.4019

Harmonies

Analogous

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



93.3150, 12.1697, -30.0943



96.3530, 14.6160, -21.3576



99.8000, 13.4096, -7.7176

Triad

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



96.3530, 14.6160, -21.3576



101.1170, -4.0017, 23.5764



96.0670, -8.4140, -7.9518

Complementary

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



96.3530, 14.6160, -21.3576



101.6470, -14.6160, 21.3576

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.



98.2920, -12.9620, 4.1289



96.3530, 14.6160, -21.3576



100.9120, -9.8166, 22.0022

Square

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



96.3530, 14.6160, -21.3576



101.9190, 2.9979, 18.4880



99.6570, -13.1419, 15.2098



94.7110, -1.8295, -19.9175

Rectangle

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



96.3530, 14.6160, -21.3576



100.8830, 10.9037, 2.7336



99.6570, -13.1419, 15.2098



96.9320, -10.3195, -3.4484

Sweetspot

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



96.3530, 14.6160, -21.3576



151.4380, 5.7001, -8.2771



106.3200, -5.5808, -30.0986



74.5910, 3.6526, -4.9033



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



96.3530, 14.6160, -21.3576



117.6380, 22.3635, -33.0085



80.5040, 22.4295, -7.4580



60.1460, 1.9000, -2.7590



57.4430, 34.7846, -50.3775



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.6800, 5.5808, 30.0986



110.2890, 8.7315, 46.2275



117.4960, -22.4295, 7.4580



59.5490, 0.7153, 3.9035



46.5940, 13.0182, 71.3931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 96.3530, 14.6160, -21.3576 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 96.3530, 14.6160, -21.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

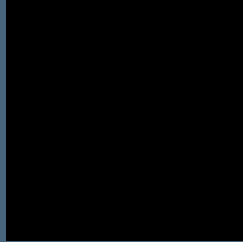
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

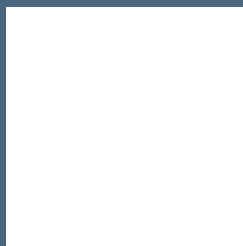
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.3530, 14.6160, -21.3576

Background



This preview shows how black text looks on a background with the YUV color 96.3530, 14.6160, -21.3576.

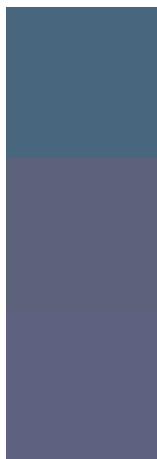


This preview shows how white text looks on a background with the YUV color 96.3530, 14.6160,

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

96.3530, 14.6160, -21.3576

Protanopia

99.3550, 11.6570, -5.5733

Deuteranopia

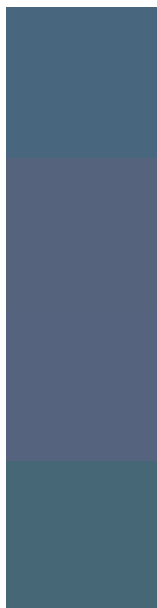
99.5230, 13.5462, -4.8437



Tritanopia

95.2620, 9.2378, -23.0318

Trichromacy



Original Color

96.3530, 14.6160, -21.3576

Protanomaly

98.2510, 12.6943, -11.6211

Deuteranomaly

98.3050, 14.1466, -10.7915

Tritanomaly

95.4300, 11.1270, -22.3021

Monochromacy



Original Color

96.3530, 14.6160, -21.3576

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3530, 14.6160, -21.3576 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(72, 103, 126)` looks like.

```
.text, #text, p{  
    color:rgb(72, 103, 126)  
}
```

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(72, 103, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 103, 126) }
```

Border

The CSS property to change the border of an element to YUV 96.3530, 14.6160, -21.3576 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(72, 103, 126) }
```


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

```
.border{ border-color:rgb(72, 103, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 103, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 103, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 103, 126);  
box-shadow:4px 4px 4px 4px rgb(72, 103,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 96.3530, 14.6160, -21.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 103, 126) }
```

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

```
.background{ background-color: rgb(72, 103,  
126) }
```

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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