

Converting Colors

YUV(94.5880, 4.6401, -41.7347)

Have a look what the booklet for
YUV(94.5880, 4.6401, -41.7347)
contains.

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Color

**YUV(94.5880, 4.6401,
-41.7347)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7568
RGB	47, 117, 104
RGB Percent	18%, 46%, 41%
CMY	0.8157, 0.5412, 0.5922
CMYK	0.60, 0.00, 0.11, 0.54
HSL	169°, 43%, 32%
HSV	169°, 60%, 46%
XYZ	10.0323, 14.3264, 15.3332
YIQ	94.5880, -37.5470, -18.8830

Conversions

Conversions Part 2

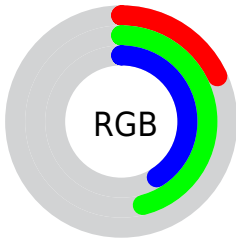
Format	Color
R_{YB}	47, 86, 117
Decimal	3110248
CIE _{Lab}	44.70, -25.33, 0.60
CIE _{LCh}	45, 25.338, 178.648
Yxy	14.3264, 0.2528, 0.3609
Android (android.graphics.Color)	4281300328 (0xFF2F7568)
YUV	94.5880, 4.6401, -41.7347
Hunter-Lab	37.8502, -18.9261, 2.4766

Details

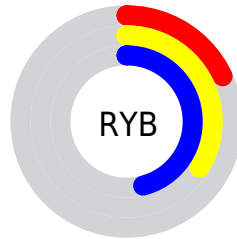
The YUV color **94.5880, 4.6401, -41.7347** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **69.4120, -4.6401, 41.7347**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3600, 3.7665, -41.5347**, and **46.4140, 5.2189, -40.7051** is the 20% darker color. If you saturate the color by 10%, you get **90.7720, 5.5354, -48.9120**, and if you desaturate by 10%, it is **98.4040, 3.7448, -34.5573**.

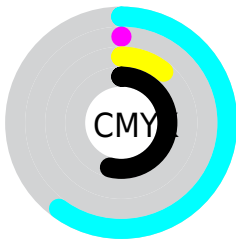
Distribution



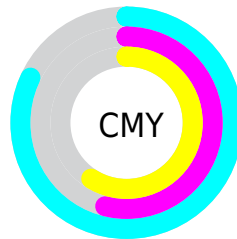
- Red (18%)
- Green (46%)
- Blue (41%)



- Red (18%)
- Yellow (34%)
- Blue (46%)



- Cyan (60%)
- Magenta (0%)
- Yellow (11%)
- Black (54%)



- Cyan (82%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.5880, 4.6401, -41.7347 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 94.5880, 4.6401, -41.7347 by changing the saturation by 10% instead.

■ 94.5880, 4.6401,
-41.7347

■ 94.5880, 4.6401,
-41.7347

■ 255.0000, 0.0000,
0.0000

■ 67.6090, 6.1088,
-46.1381

■ 147.3600, 3.7665,
-41.5347

■ 46.4140, 5.2189,
-40.7051

■ 174.3600, 3.7665,
-41.5347

■ 30.5190, 2.7021,
-26.7652

■ 201.9470, 3.4771,
-42.0495

■ 16.2710, -1.1196,
-14.2697

■ 230.6480, 3.6245,
-42.6643

■ 0.0000, 0.0000,
0.0000

■ 241.8440, 6.4859,
-27.0502

■ 250.5150, 2.2111,

-9.2217

■ 94.5880, 4.6401,
-41.7347

■ 94.5880, 4.6401,
-41.7347

■ 90.7720, 5.5354,
-48.9120

■ 98.4040, 3.7448,
-34.5573

■ 87.2550, 6.2833,
-55.4746

■ 101.9210, 2.9969,
-27.9947

■ 83.3250, 6.7418,
-62.5520

■ 105.8510, 2.5385,
-20.9173

■ 79.5090, 7.6371,
-69.7294

■ 109.6670, 1.6432,
-13.7400

■ 113.4830, 0.7479,
-6.5626

■ 117.0000, 0.0000,
0.0000

■ 120.8160, -0.8953,
7.1774

■ 124.6320, -1.7906,
14.3547

■ 128.2630, -2.1017,
20.8173

Harmonies

Analogous

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



99.0930, -7.9338, -22.0066



94.5880, 4.6401, -41.7347



90.4040, 17.0558, -57.3593

Triad

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



94.5880, 4.6401, -41.7347



107.5820, 17.4611, -0.5104



106.1810, -17.8372, 27.9053

Complementary

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



94.5880, 4.6401, -41.7347



69.4120, -4.6401, 41.7347

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.



107.2880, -10.0020, 34.8274



94.5880, 4.6401, -41.7347



108.3520, 9.6865, 19.8623

Square

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



94.5880, 4.6401, -41.7347



102.3940, 22.4838, -24.9015



108.4970, -0.2450, 32.0131



104.4090, -20.4146, 14.5503

Rectangle

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



94.5880, 4.6401, -41.7347



92.0930, 22.1392, -54.4556



108.4970, -0.2450, 32.0131



106.7730, -15.6641, 30.8941

Sweetspot

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



94.5880, 4.6401, -41.7347



144.0580, 1.9434, -16.7139



92.2760, -22.3211, -27.4291



71.4610, 0.7587, -10.0513



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



94.5880, 4.6401, -41.7347



117.8300, 7.4788, -65.6259



83.7430, 16.3957, -32.2236



57.0920, 0.4476, -3.5887



83.0140, 8.3741, -72.8033



169.8920, 16.3222, -148.9953

Inverse Universe

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



69.4120, -4.6401, 41.7347



78.1700, -7.4788, 65.6259



80.2570, -16.3957, 32.2236



54.9080, -0.4476, 3.5887



39.1000, -7.9373, 72.7033



79.9940, -16.7590, 149.0953

Previews

White Background



This preview shows how the YUV color 94.5880, 4.6401, -41.7347 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 94.5880, 4.6401, -41.7347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

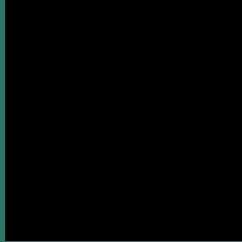
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.5880, 4.6401, -41.7347

Background



This preview shows how black text looks on a background with the YUV color 94.5880, 4.6401, -41.7347.

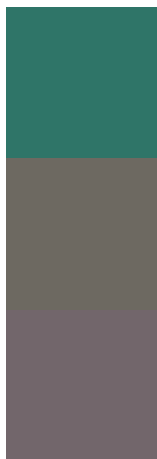


This preview shows how white text looks on a background with the YUV color 94.5880, 4.6401, -41.7347.

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

94.5880, 4.6401, -41.7347

Protanopia

105.2840, -4.0840, 3.2589

Deuteranopia

106.1580, 0.4151, 6.8774



Tritanopia

97.3850, 12.6282, -37.1716

Trichromacy



Original Color

94.5880, 4.6401, -41.7347

Protanomaly

101.0970, -0.5408, -13.2401

Deuteranomaly

101.8030, 2.0691, -10.3512

Tritanomaly

96.2770, 9.7234, -38.8309

Monochromacy



Original Color

94.5880, 4.6401, -41.7347

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9550, 1.5012, -14.8695

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5880, 4.6401, -41.7347 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(47, 117, 104)` looks like.

```
.text, #text, p{  
    color:rgb(47, 117, 104)  
}
```

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(47, 117, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 117, 104) }
```

Border

The CSS property to change the border of an element to YUV 94.5880, 4.6401, -41.7347 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(47, 117, 104) }
```


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

```
.border{ border-color:rgb(47, 117, 104) }
```

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

Here you see how a box with a 4 pixel rgb(47, 117, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 117, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 117, 104);  
box-shadow:4px 4px 4px 4px rgb(47, 117,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 94.5880, 4.6401, -41.7347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 117, 104) }
```

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

```
.background{ background-color: rgb(47, 117,  
104) }
```

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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