

Converting Colors

YUV(95.4860, -20.4526,
26.7608)

Have a look what the booklet for
YUV(95.4860, -20.4526, 26.7608)
contains.

YUV(95.4860, -20.4526, 26.7608)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.4860, -20.4526,
26.7608)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5836
RGB	126, 88, 54
RGB Percent	49%, 35%, 21%
CMY	0.5059, 0.6549, 0.7882
CMYK	0.00, 0.30, 0.57, 0.51
HSL	28°, 40%, 35%
HSV	28°, 57%, 49%
XYZ	12.7598, 11.6814, 5.0723
YIQ	95.4860, 33.5620, -2.5180

Conversions

Conversions Part 2

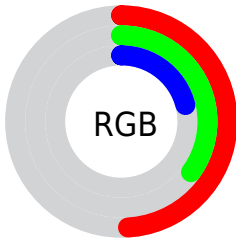
Format	Color
R_{YB}	126, 118, 54
Decimal	8280118
CIE _{Lab}	40.71, 11.60, 25.80
CIE _{LCh}	41, 28.292, 65.795
Yxy	11.6814, 0.4323, 0.3958
Android (android.graphics.Color)	4286470198 (0xFF7E5836)
YUV	95.4860, -20.4526, 26.7608
Hunter-Lab	34.1781, 6.8281, 15.1256

Details

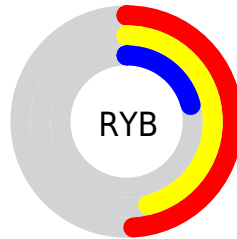
The YUV color $95.4860, -20.4526, 26.7608$ is a dark color, and the websafe version is hex 996633 . A complement of this color would be $84.5140, 20.4526, -26.7608$, and the grayscale version is $96.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $146.7530, -22.0632, 30.0346$, and $47.9200, -18.6946, 22.8722$ is the 20% darker color. If you saturate the color by 10%, you get $89.8950, -24.1052, 31.6641$, and if you desaturate by 10%, it is $101.0770, -16.8000, 21.8575$.

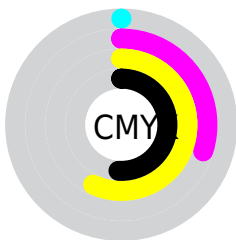
Distribution



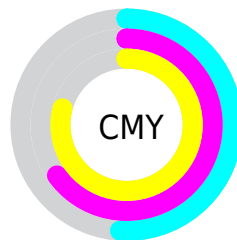
- Red (49%)
- Green (35%)
- Blue (21%)



- Red (49%)
- Yellow (46%)
- Blue (21%)



- Cyan (0%)
- Magenta (30%)
- Yellow (57%)
- Black (51%)





- Cyan (51%)
- Magenta (65%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.4860, -20.4526, 26.7608 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 95.4860, -20.4526, 26.7608 by changing the saturation by 10% instead.


 95.4860, -20.4526,
26.7608


 95.4860, -20.4526,
26.7608


255.0000, 0.0000,
0.0000


 71.7030, -19.5736,
24.8165


 146.7530,
-22.0632, 30.0346


 47.9200, -18.6946,
22.8722

 173.2370,
-22.7948, 31.3642

 27.8640, -13.7370,
19.4133

 200.7210,
-23.5265, 32.6937

 7.7740, -3.8326,
15.9842

 225.3180,
-22.3418, 26.0311

 0.0000, 0.0000,
0.0000

 245.4190,
-18.9406, 8.4025

 252.8340, -8.2992,

1.8996

■ 95.4860, -20.4526,
26.7608

■ 95.4860, -20.4526,
26.7608

■ 89.8950, -24.1052,
31.6641

■ 101.0770,
-16.8000, 21.8575

■ 85.0050, -27.6105,
35.9526

■ 105.9670,
-13.2947, 17.5689

■ 79.4140, -31.2631,
40.8559

■ 111.5580, -9.6421,
12.6656

■ 73.9370, -34.4789,
45.6593

■ 117.0350, -6.4263,
7.8623

■ 72.8940, -35.9367,
46.5740

■ 122.0390, -2.4842,
3.4738

■ 127.6300, 1.1684,
-1.4295

■ 133.1070, 4.3842,
-6.2328

■ 138.1110, 8.3263,
-10.6213

■ 143.5880, 11.5421,
-15.4247

Harmonies

Analogous

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



96.7890, -13.2070, 36.1420



95.4860, -20.4526, 26.7608



93.6320, -22.0036, 10.8467

Triad

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



95.4860, -20.4526, 26.7608



75.3940, 12.1308, -64.3665



98.0280, 17.7342, 5.2374

Complementary

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



95.4860, -20.4526, 26.7608



84.5140, 20.4526, -26.7608

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.



93.4590, 23.9307, -22.3275



95.4860, -20.4526, 26.7608



76.7170, 22.3245, -67.2808

Square

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



95.4860, -20.4526, 26.7608



87.0210, -5.4334, -30.7134



79.4820, 28.8494, -60.0587



98.6410, 8.0650, 26.6248

Rectangle

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



95.4860, -20.4526, 26.7608



92.2390, -19.3448, -1.9636



79.4820, 28.8494, -60.0587



96.9560, 20.2347, -3.4694

Sweetspot

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



95.4860, -20.4526, 26.7608



151.5900, -8.1789, 10.0066



79.8600, 5.9850, 40.4648



74.7790, -4.8210, 6.3328



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.



95.4860, -20.4526, 26.7608



115.5990, -31.8473, 41.5707



116.6180, -30.8707, 8.2280



60.8540, -1.9000, 2.7590



73.4920, -36.2316, 47.8035



0.0000, 0.0000, 0.0000

Inverse Universe

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



84.5140, 20.4526, -26.7608



98.4010, 31.8473, -41.5707



63.3820, 30.8707, -8.2280



60.1460, 1.9000, -2.7590



53.9210, 36.5209, -47.2887



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.4860, -20.4526, 26.7608 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 95.4860, -20.4526, 26.7608 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 95.4860, -20.4526, 26.7608

Background



This preview shows how black text looks on a background with the YUV color 95.4860, -20.4526, 26.7608.



This preview shows how white text looks on a background with the YUV color 95.4860, -20.4526,

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

95.4860, -20.4526, 26.7608

Protanopia

94.2450, -18.3618, 9.4321

Deuteranopia

95.3280, -20.8677, 19.8833



Tritanopia

98.1390, -4.0125, 27.0651

Trichromacy



Original Color

95.4860, -20.4526, 26.7608

Protanomaly

94.7620, -19.1097, 15.9947

Deuteranomaly

95.6380, -21.0205, 22.2425

Tritanomaly

96.9450, -9.8329, 27.2352

Monochromacy



Original Color

95.4860, -20.4526, 26.7608

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8180, -7.3053, 9.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.4860, -20.4526, 26.7608 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(126, 88, 54)` looks like.

```
.text, #text, p{  
    color:rgb(126, 88, 54)  
}
```

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(126, 88, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 88, 54) }
```

Border

The CSS property to change the border of an element to YUV 95.4860, -20.4526, 26.7608 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(126, 88, 54) }
```


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

```
.border{ border-color:rgb(126, 88, 54) }
```

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

Here you see how a box with a 4 pixel rgb(126, 88, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 88, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 88, 54);  
box-shadow:4px 4px 4px 4px rgb(126, 88,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 95.4860, -20.4526, 26.7608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 88, 54) }
```

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

```
.background{ background-color: rgb(126, 88,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor