

Converting Colors

YUV(82.4500, 10.6242,
-47.7526)

Have a look what the booklet for
YUV(82.4500, 10.6242, -47.7526)
contains.

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Color

**YUV(82.4500, 10.6242,
-47.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	1C6A68
RGB	28, 106, 104
RGB Percent	11%, 42%, 41%
CMY	0.8902, 0.5843, 0.5922
CMYK	0.74, 0.00, 0.02, 0.58
HSL	178°, 58%, 26%
HSV	178°, 74%, 42%
XYZ	8.1316, 11.5544, 14.8983
YIQ	82.4500, -45.8460, -17.1580

Conversions

Conversions Part 2

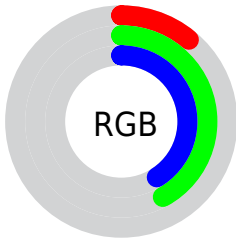
Format	Color
R_{YB}	28, 68, 106
Decimal	1862248
CIE _{Lab}	40.50, -23.21, -5.65
CIE _{LCh}	40, 23.890, 193.675
Yxy	11.5544, 0.2351, 0.3341
Android (android.graphics.Color)	4280052328 (0xFF1C6A68)
YUV	82.4500, 10.6242, -47.7526
Hunter-Lab	33.9918, -16.7844, -2.1921

Details

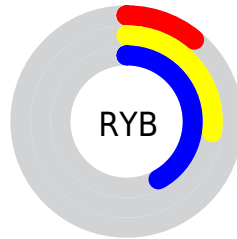
The YUV color **82.4500, 10.6242, -47.7526** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **51.5500, -10.6241, 47.7527**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1300, 9.3029, -43.9640**, and **40.5440, 8.1128, -35.5571** is the 20% darker color. If you saturate the color by 10%, you get **79.1610, 12.2456, -54.5152**, and if you desaturate by 10%, it is **85.7390, 9.0027, -40.9901**.

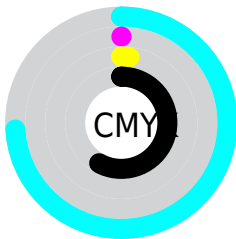
Distribution



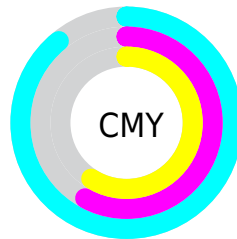
- Red (11%)
- Green (42%)
- Blue (41%)



- Red (11%)
- Yellow (27%)
- Blue (42%)



- Cyan (74%)
- Magenta (0%)
- Yellow (2%)
- Black (58%)



- Cyan (89%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.4500, 10.6242, -47.7526 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 82.4500, 10.6242, -47.7526 by changing the saturation by 10% instead.

82.4500, 10.6242,
-47.7526

82.4500, 10.6242,
-47.7526

255.0000, 0.0000,
0.0000

57.2540, 11.2138,
-50.2118

136.1300, 9.3029,
-43.9640

40.5440, 8.1128,
-35.5571

163.1300, 9.3029,
-43.9640

25.2360, 5.3067,
-22.1320

190.7170, 9.0135,
-44.4788

4.0580, 5.3944,
-3.5589

218.8310, 9.4503,
-44.5788

0.0000, 0.0000,
0.0000

237.3590, 8.6970,
-36.2718

246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 82.4500, 10.6242,
-47.7526

■ 82.4500, 10.6242,
-47.7526

■ 79.1610, 12.2456,
-54.5152

■ 85.7390, 9.0027,
-40.9901

■ 76.0570, 13.2829,
-60.5630

■ 88.8430, 7.9654,
-34.9423

■ 73.9640, 14.3147,
-64.8664

■ 92.1320, 6.3439,
-28.1798

■ 95.1220, 4.8699,
-22.0320

■ 98.4110, 3.2484,
-15.2694

■ 101.8140, 2.0637,
-8.6069

■ 104.8040, 0.5896,
-2.4591

■ 108.0930, -1.0318,
4.3034

■ 111.0830, -2.5059,
10.4512

Harmonies

Analogous

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



87.3570, -1.6550, -29.2541



82.4500, 10.6242, -47.7526



81.2350, 20.0971, -52.8261

Triad

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



82.4500, 10.6242, -47.7526



97.7960, 12.9186, 9.8259



95.3110, -18.3943, 19.8983

Complementary

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



82.4500, 10.6242, -47.7526



51.5500, -10.6241, 47.7527

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.



96.0440, -13.3327, 29.7794



82.4500, 10.6242, -47.7526



98.3050, 4.2866, 25.1655

Square

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



82.4500, 10.6242, -47.7526



94.8580, 18.8040, -11.2765



97.5310, -5.1918, 31.9833



93.3370, -17.9141, 5.8435

Rectangle

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



82.4500, 10.6242, -47.7526



86.3550, 21.5170, -41.5303



97.5310, -5.1918, 31.9833



95.3870, -16.9528, 24.2166

Sweetspot

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



82.4500, 10.6242, -47.7526



128.6170, 4.1328, -18.9581



74.6830, -23.0147, -38.3100



63.5040, 2.2165, -10.9660



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.



82.4500, 10.6242, -47.7526



101.4790, 16.5259, -74.0881



61.5460, 21.9158, -29.4198



52.0920, 0.4476, -3.5887



81.6750, 15.9362, -71.6290



171.0610, 33.4939, -150.0205

Inverse Universe

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



51.5500, -10.6241, 47.7527



53.5210, -16.5259, 74.0881



72.4540, -21.9158, 29.4198



49.7940, -0.8844, 3.6887



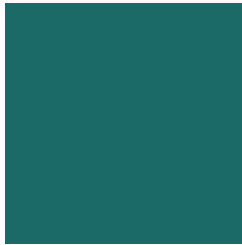
35.3250, -15.9362, 71.6290



73.9390, -33.4939, 150.0205

Previews

White Background



This preview shows how the YUV color 82.4500, 10.6242, -47.7526 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 82.4500, 10.6242, -47.7526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

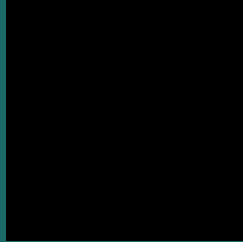
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.4500, 10.6242, -47.7526

Background



This preview shows how black text looks on a background with the YUV color 82.4500, 10.6242, -47.7526.



This preview shows how white text looks on a background with the YUV color 82.4500, 10.6242,

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

82.4500, 10.6242, -47.7526

Protanopia

95.5270, 0.7262, 0.4148

Deuteranopia

96.3900, 5.2307, 2.2890



Tritanopia

84.6830, 13.9603, -44.4490

Trichromacy



Original Color

82.4500, 10.6242, -47.7526

Protanomaly

90.7420, 4.5642, -17.3137

Deuteranomaly

91.4370, 7.1796, -16.1692

Tritanomaly

83.7430, 12.9447, -45.3786

Monochromacy



Original Color

82.4500, 10.6242, -47.7526

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2150, 3.8380, -17.7286

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.4500, 10.6242, -47.7526 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(28, 106, 104)` looks like.

```
.text, #text, p{  
    color:rgb(28, 106, 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(28, 106, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 106, 104) }
```

Border

The CSS property to change the border of an element to YUV 82.4500, 10.6242, -47.7526 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(28, 106, 104) }
```


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

```
.border{ border-color:rgb(28, 106, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 106, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 106, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 106, 104);  
box-shadow:4px 4px 4px 4px rgb(28, 106,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 82.4500, 10.6242, -47.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 106, 104) }
```

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

```
.background{ background-color: rgb(28, 106,  
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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