

Converting Colors

YUV(79.9260, -1.4425, -50.8011)

Have a look what the booklet for
YUV(79.9260, -1.4425, -50.8011)
contains.

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Color

**YUV(79.9260, -1.4425,
-50.8011)**

Conversions

Conversions Part 1

Format	Color
Hex	166E4D
RGB	22, 110, 77
RGB Percent	9%, 43%, 30%
CMY	0.9137, 0.5686, 0.6980
CMYK	0.80, 0.00, 0.30, 0.57
HSL	158°, 67%, 26%
HSV	158°, 80%, 43%
XYZ	7.2464, 11.8583, 8.9281
YIQ	79.9260, -41.8550, -28.9190

Conversions

Conversions Part 2

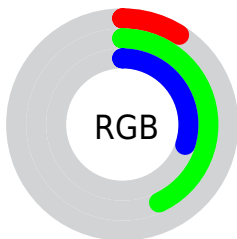
Format	Color
R_{YB}	22, 76, 110
Decimal	1470029
CIE _{Lab}	40.99, -33.63, 11.37
CIE _{LCh}	41, 35.503, 161.322
Yxy	11.8583, 0.2585, 0.4230
Android (android.graphics.Color)	4279660109 (0xFF166E4D)
YUV	79.9260, -1.4425, -50.8011
Hunter-Lab	34.4358, -22.7008, 8.7330

Details

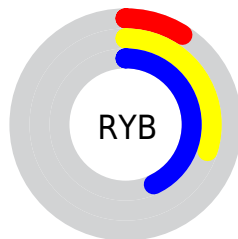
The YUV color **79.9260, -1.4425, -50.8011** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **52.0740, 1.4425, 50.8011**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6770, -3.7848, -46.1977**, and **39.5690, -3.2385, -34.7020** is the 20% darker color. If you saturate the color by 10%, you get **76.1810, -1.5682, -57.1637**, and if you desaturate by 10%, it is **83.6710, -1.3168, -44.4385**.

Distribution



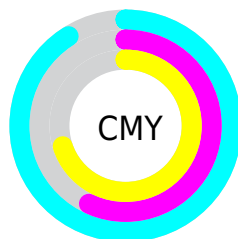
- Red (9%)
- Green (43%)
- Blue (30%)



- Red (9%)
- Yellow (30%)
- Blue (43%)



- Cyan (80%)
- Magenta (0%)
- Yellow (30%)
- Black (57%)



- Cyan (91%)
- Magenta (57%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.9260, -1.4425, -50.8011 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 79.9260, -1.4425, -50.8011 by changing the saturation by 10% instead.

■ 79.9260, -1.4425,
-50.8011

■ 79.9260, -1.4425,
-50.8011

255.0000, 0.0000,
0.0000

■ 56.0510, -1.0111,
-49.1567

■ 133.6770, -3.7848,
-46.1977

■ 39.5690, -3.2385,
-34.7020

■ 161.1500, -4.5110,
-46.6126

■ 24.1470, -6.4815,
-21.1769

■ 189.0360, -4.9477,
-46.5126

■ 4.1090, -2.0257,
-3.6036

■ 216.6230, -5.2371,
-47.0274

■ 0.0000, 0.0000,
0.0000

■ 233.5840, 0.6981,
-37.3462

■ 244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

79.9260, -1.4425,
-50.8011

79.9260, -1.4425,
-50.8011

76.1810, -1.5682,
-57.1637

83.6710, -1.3168,
-44.4385

72.4360, -1.6939,
-63.5264

87.4160, -1.1911,
-38.0758

91.1610, -1.0654,
-31.7132

95.0200, -0.5029,
-25.4505

98.7650, -0.3771,
-19.0879

■ 102.5100, -0.2514,
-12.7253

■ 106.2550, -0.1257,
-6.3626

■ 110.0000, 0.0000,
0.0000

■ 113.7450, 0.1257,
6.3626

Harmonies

Analogous

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



89.2650, -18.8646, -16.0184



79.9260, -1.4425, -50.8011



77.3550, 14.6150, -67.8403

Triad

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



79.9260, -1.4425, -50.8011



93.6420, 29.7565, -24.2420



96.2800, -17.8860, 43.6044

Complementary

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



79.9260, -1.4425, -50.8011



52.0740, 1.4425, 50.8011

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.



97.3310, -5.0932, 47.0677



79.9260, -1.4425, -50.8011



99.7560, 20.3333, 11.6150

Square

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



79.9260, -1.4425, -50.8011



78.8490, 35.5704, -69.1506



98.8210, 8.4692, 36.9910



95.4880, -26.8626, 29.3900

Rectangle

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



79.9260, -1.4425, -50.8011



79.5210, 22.9141, -69.7399



98.8210, 8.4692, 36.9910



96.3280, -13.9657, 46.1933

Sweetspot

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



79.9260, -1.4425, -50.8011



131.3520, -0.6665, -19.6027



83.8220, -30.4782, -24.3999



64.2220, -0.1094, -11.5957



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



79.9260, -1.4425, -50.8011



96.1090, -2.5187, -79.0256



77.8180, 15.8657, -48.9524



53.9780, 0.0108, -3.4887



78.9900, -1.9671, -69.2742



162.6590, -3.7759, -142.6519

Inverse Universe

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



52.0740, 1.4425, 50.8011



52.7770, 2.0819, 79.1256



54.1820, -15.8657, 48.9524



52.1360, 0.4260, 3.3887



41.0100, 1.9671, 69.2742



84.4550, 4.2127, 142.5520

Previews

White Background



This preview shows how the YUV color 79.9260, -1.4425, -50.8011 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 79.9260, -1.4425, -50.8011 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 79.9260, -1.4425, -50.8011

Background



This preview shows how black text looks on a background with the YUV color 79.9260, -1.4425, -50.8011.



This preview shows how white text looks on a background with the YUV color 79.9260, -1.4425,

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

79.9260, -1.4425, -50.8011

Protanopia

95.2430, -11.9518, 6.8029

Deuteranopia

97.0140, -7.8949, 12.2657



Tritanopia

87.1890, 13.2178, -39.6308

Trichromacy



Original Color

79.9260, -1.4425, -50.8011

Protanomaly

89.7350, -8.2504, -13.7996

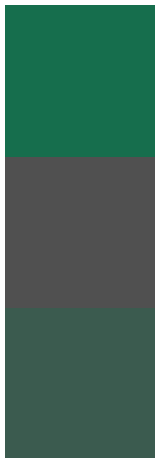
Deuteranomaly

90.8540, -5.3510, -10.3960

Tritanomaly

84.7880, 7.9925, -43.6641

Monochromacy



Original Color

79.9260, -1.4425, -50.8011

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0640, -0.5246, -18.4731

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.9260, -1.4425, -50.8011 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(22, 110, 77)` looks like.

```
.text, #text, p{  
    color:rgb(22, 110, 77)  
}
```

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(22, 110, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 110, 77) }
```

Border

The CSS property to change the border of an element to YUV 79.9260, -1.4425, -50.8011 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(22, 110, 77) }
```


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

```
.border{ border-color:rgb(22, 110, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 110, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 110, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 110, 77);  
box-shadow:4px 4px 4px 4px rgb(22, 110,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 79.9260, -1.4425, -50.8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 110, 77) }
```

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

```
.background{ background-color: rgb(22, 110,  
77) }
```

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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