

Converting Colors

YUV(81.3780, -26.8084,
11.9465)

Have a look what the booklet for
YUV(81.3780, -26.8084, 11.9465)
contains.

YUV(81.3780, -26.8084, 11.9465)	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(81.3780, -26.8084,
11.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	5F551B
RGB	95, 85, 27
RGB Percent	37%, 33%, 11%
CMY	0.6275, 0.6667, 0.8941
CMYK	0.00, 0.11, 0.72, 0.63
HSL	51°, 56%, 24%
HSV	51°, 72%, 37%
XYZ	8.1656, 9.0090, 2.3455
YIQ	81.3780, 24.5780, -15.9180

Conversions

Conversions Part 2

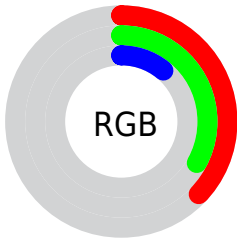
Format	Color
RYB	39, 95, 27
Decimal	6247707
CIELab	36.00, -3.52, 34.01
CIELCh	36, 34.191, 95.910
Yxy	9.0090, 0.4183, 0.4615
Android (android.graphics.Color)	4284437787 (0xFF5F551B)
YUV	81.3780, -26.8084, 11.9465
Hunter-Lab	30.0150, -3.9651, 16.3775

Details

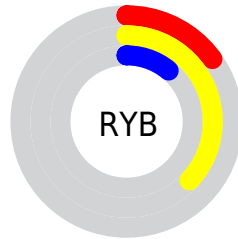
The YUV color **81.3780, -26.8084, 11.9465** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **40.6220, 26.8084, -11.9465**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3460, -28.2716, 14.6056**, and **37.2340, -18.3564, 7.6878** is the 20% darker color. If you saturate the color by 10%, you get **79.7650, -30.4501, 13.3611**, and if you desaturate by 10%, it is **83.1050, -22.7298, 10.4319**.

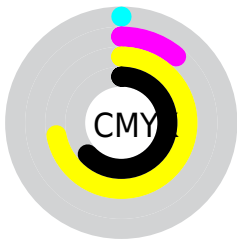
Distribution



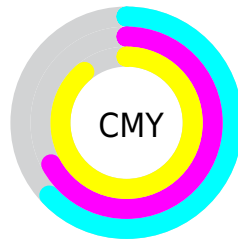
- Red (37%)
- Green (33%)
- Blue (11%)



- Red (15%)
- Yellow (37%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (72%)
- Black (63%)



- Cyan (63%)
- Magenta (67%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3780, -26.8084, 11.9465 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 81.3780, -26.8084, 11.9465 by changing the saturation by 10% instead.

81.3780, -26.8084,
11.9465

81.3780, -26.8084,
11.9465

255.0000, 0.0000,
0.0000

57.5520, -27.3871,
10.9169

131.3460,
-28.2716, 14.6056

37.2340, -18.3564,
7.6878

157.5310,
-28.8558, 15.3203

18.0190, -8.8834,
2.6143

184.6020,
-29.8768, 16.1350

0.0000, 0.0000,
0.0000

212.6730,
-30.8978, 16.9498

239.0640,
-30.5976, 13.9759

249.3000,

-21.8399, 4.9989

252.6060, -9.1728,
2.0995

81.3780, -26.8084,
11.9465

81.3780, -26.8084,
11.9465

79.7650, -30.4501,
13.3611

83.1050, -22.7298,
10.4319

77.4510, -34.2393,
15.3905

85.3050, -19.3774,
8.5025

75.9520, -37.4443,
16.7051

87.0320, -15.2988,
6.9879

89.2320, -11.9464,
5.0585

90.9590, -7.8678,
3.5440

■ 92.5720, -4.2260,
2.1294

■ 94.8860, -0.4368,
0.1000

■ 96.4990, 3.2050,
-1.3146

■ 98.8130, 6.9942,
-3.3440

Harmonies

Analogous

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



83.1830, -24.2472, 30.5345



81.3780, -26.8084, 11.9465



78.0700, -19.7545, -10.5854

Triad

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



81.3780, -26.8084, 11.9465



70.1630, 22.5976, -61.5330



86.9450, 10.3801, 30.7432

Complementary

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



81.3780, -26.8084, 11.9465



40.6220, 26.8084, -11.9465

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.



86.5380, 20.9338, 5.6672



81.3780, -26.8084, 11.9465



69.8670, 31.6176, -61.2734

Square

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



81.3780, -26.8084, 11.9465



67.6720, 10.5147, -59.3483



79.1850, 29.4888, -31.7342



84.7050, -2.3196, 44.1087

Rectangle

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



81.3780, -26.8084, 11.9465



74.3650, -10.5329, -28.3841



79.1850, 29.4888, -31.7342



87.5250, 14.0382, 24.0956

Sweetspot

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



81.3780, -26.8084, 11.9465



117.3890, -10.0518, 4.0438



48.4720, -5.6557, 40.8051



58.1160, -5.9732, 2.5293



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



81.3780, -26.8084, 11.9465



101.2250, -41.5229, 18.2197



80.0720, -26.1645, -7.9561



47.5440, -1.7472, 0.3999



89.8400, -44.2911, 19.4343



191.5080, -94.4134, 42.5275

Inverse Universe

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



40.6220, 26.8084, -11.9465



38.3620, 41.2335, -18.7345



41.9280, 26.1645, 7.9561



44.4560, 1.7472, -0.3999



22.7470, 44.0017, -19.9491



47.9050, 94.7028, -42.0127

Previews

White Background



This preview shows how the YUV color 81.3780, -26.8084, 11.9465 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 ✓ Pass

Black Background



This preview shows how the YUV color 81.3780, -26.8084, 11.9465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

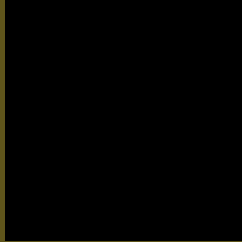
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3780, -26.8084, 11.9465

Background



This preview shows how black text looks on a background with the YUV color 81.3780, -26.8084, 11.9465.



This preview shows how white text looks on a background with the YUV color 81.3780, -26.8084,

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

81.3780, -26.8084, 11.9465

Protanopia

81.3780, -26.8084, 11.9465

Deuteranopia

82.5470, -26.3987, 20.5683



Tritanopia

86.0770, -0.0380, 12.2105

Trichromacy



Original Color

81.3780, -26.8084, 11.9465

Protanomaly

81.3780, -26.8084, 11.9465

Deuteranomaly

81.8240, -26.5352, 17.6944

Tritanomaly

84.2590, -9.4947, 12.0509

Monochromacy



Original Color

81.3780, -26.8084, 11.9465

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8020, -9.7624, 4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3780, -26.8084, 11.9465 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(95, 85, 27)` looks like.

```
.text, #text, p{  
    color:rgb(95, 85, 27)  
}
```

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(95, 85, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 85, 27) }
```

Border

The CSS property to change the border of an element to YUV 81.3780, -26.8084, 11.9465 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(95, 85, 27) }
```


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

```
.border{ border-color:rgb(95, 85, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 85, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 85, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 85, 27);  
box-shadow:4px 4px 4px 4px rgb(95, 85, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.3780, -26.8084, 11.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 85, 27) }
```

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

```
.background{ background-color: rgb(95, 85,  
27) }
```

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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