

Converting Colors

YUV(81.2320, 7.7736, -66.8555)

Have a look what the booklet for
YUV(81.2320, 7.7736, -66.8555)
contains.

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Color

**YUV(81.2320, 7.7736,
-66.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	057561
RGB	5, 117, 97
RGB Percent	2%, 46%, 38%
CMY	0.9804, 0.5412, 0.6196
CMYK	0.96, 0.00, 0.17, 0.54
HSL	169°, 92%, 24%
HSV	169°, 96%, 46%
XYZ	8.5815, 13.6179, 13.4855
YIQ	81.2320, -60.3320, -29.9640

Conversions

Conversions Part 2

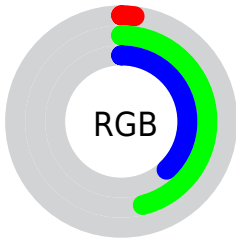
Format	Color
RYB	5, 66, 117
Decimal	357729
CIELab	43.68, -32.93, 3.20
CIELCh	44, 33.088, 174.445
Yxy	13.6179, 0.2405, 0.3816
Android (android.graphics.Color)	4278547809 (0xFF057561)
YUV	81.2320, 7.7736, -66.8555
Hunter-Lab	36.9025, -23.0697, 4.1650

Details

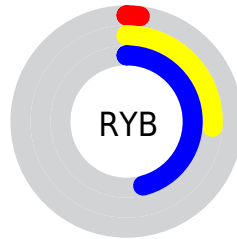
The YUV color **81.2320, 7.7736, -66.8555** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **40.7680, -7.7736, 66.8555**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9840, 3.9519, -54.3600**, and **45.7300, 2.5981, -40.1052** is the 20% darker color. If you saturate the color by 10%, you get **79.6230, 8.0739, -69.8294**, and if you desaturate by 10%, it is **85.0480, 6.8783, -59.6781**.

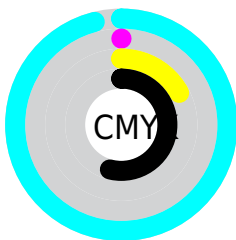
Distribution



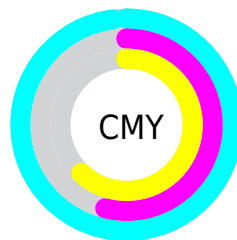
- Red (2%)
- Green (46%)
- Blue (38%)



- Red (2%)
- Yellow (26%)
- Blue (46%)



- Cyan (96%)
- Magenta (0%)
- Yellow (17%)
- Black (54%)



- Cyan (98%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.2320, 7.7736, -66.8555 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 81.2320, 7.7736, -66.8555 by changing the saturation by 10% instead.

81.2320, 7.7736,
-66.8555

81.2320, 7.7736,
-66.8555

255.0000, 0.0000,
0.0000

62.3260, 5.2623,
-54.6599

139.9840, 3.9519,
-54.3600

45.7300, 2.5981,
-40.1052

167.1690, 3.3677,
-53.6452

29.8350, 0.0813,
-26.1653

195.6420, 2.6415,
-54.0600

12.8970, -3.8932,
-11.3107

223.7560, 3.0783,
-54.1600

0.0000, 0.0000,
0.0000

235.8640, 9.4340,
-39.3457

244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

81.2320, 7.7736,
-66.8555

81.2320, 7.7736,
-66.8555

79.6230, 8.0739,
-69.8294

85.0480, 6.8783,
-59.6781

88.5650, 6.1305,
-53.1155

92.3810, 5.2352,
-45.9381

96.1970, 4.3399,
-38.7608

100.0130, 3.4446,
-31.5834

■ 103.6440, 3.1335,
-25.1208

■ 107.4600, 2.2382,
-17.9434

■ 111.2760, 1.3429,
-10.7661

■ 114.7930, 0.5951,
-4.2035

Harmonies

Analogous

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



94.0340, -11.8488, -26.3398



81.2320, 7.7736, -66.8555



82.9290, 20.7410, -72.7287

Triad

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



81.2320, 7.7736, -66.8555



104.2700, 24.0239, -5.4988



102.9110, -21.6481, 36.9121

Complementary

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



81.2320, 7.7736, -66.8555



40.7680, -7.7736, 66.8555

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.



103.8270, -10.7607, 44.8787



81.2320, 7.7736, -66.8555



106.5140, 14.0436, 22.3512

Square

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



81.2320, 7.7736, -66.8555



94.2650, 31.4214, -44.9594



105.1220, 1.9119, 40.2350



101.1340, -26.6881, 20.0535

Rectangle

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



81.2320, 7.7736, -66.8555



83.5790, 28.3086, -73.2988



105.1220, 1.9119, 40.2350



103.1440, -18.3120, 40.2157

Sweetspot

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



81.2320, 7.7736, -66.8555



138.9320, 2.9915, -26.2504



77.0230, -35.5073, -44.7472



68.3570, 1.7960, -16.0991



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.



81.2320, 7.7736, -66.8555



104.1750, 10.7597, -91.3615



62.9670, 26.6383, -50.8371



57.0920, 0.4476, -3.5887



83.1280, 8.8109, -72.9033



170.1200, 17.1958, -149.1952

Inverse Universe

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



40.7680, -7.7736, 66.8555



48.8250, -10.7597, 91.3615



59.0330, -26.6383, 50.8371



54.9080, -0.4476, 3.5887



38.9860, -8.3741, 72.8033



79.8800, -17.1958, 149.1952

Previews

White Background



This preview shows how the YUV color 81.2320, 7.7736, -66.8555 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 81.2320, 7.7736, -66.8555 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 81.2320, 7.7736, -66.8555

Background



This preview shows how black text looks on a background with the YUV color 81.2320, 7.7736, -66.8555.



This preview shows how white text looks on a background with the YUV color 81.2320, 7.7736, -66.8555.

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

81.2320, 7.7736, -66.8555

Protanopia

102.8990, -6.8522, 4.4736

Deuteranopia

104.3000, -1.6269, 8.5069



Tritanopia

90.5190, 16.0131, -49.5672

Trichromacy



Original Color

81.2320, 7.7736, -66.8555

Protanomaly

95.1130, -1.5347, -21.1471

Deuteranomaly

95.7480, 2.0962, -19.0730

Tritanomaly

86.7910, 13.4140, -55.9447

Monochromacy



Original Color

81.2320, 7.7736, -66.8555

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9430, 2.9861, -24.5060

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2320, 7.7736, -66.8555 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(5, 117, 97)` looks like.

```
.text, #text, p{  
    color:rgb(5, 117, 97)  
}
```

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(5, 117, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 117, 97) }
```

Border

The CSS property to change the border of an element to YUV 81.2320, 7.7736, -66.8555 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(5, 117, 97) }
```


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

```
.border{ border-color:rgb(5, 117, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 117, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 117, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 117, 97);  
box-shadow:4px 4px 4px 4px rgb(5, 117, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.2320, 7.7736, -66.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 117, 97) }
```

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

```
.background{ background-color: rgb(5, 117,  
97) }
```

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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