

Converting Colors

YUV(84.7970, 10.9461,
-57.7040)

Have a look what the booklet for
YUV(84.7970, 10.9461, -57.7040)
contains.

YUV(84.7970, 10.9461, -57.7040)	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(84.7970, 10.9461,
-57.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	13726B
RGB	19, 114, 107
RGB Percent	7%, 45%, 42%
CMY	0.9255, 0.5529, 0.5804
CMYK	0.83, 0.00, 0.06, 0.55
HSL	176°, 71%, 26%
HSV	176°, 83%, 45%
XYZ	8.9397, 13.2346, 15.9933
YIQ	84.7970, -54.3730, -22.3170

Conversions

Conversions Part 2

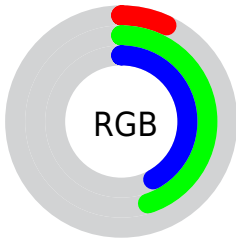
Format	Color
RYB	19, 68, 114
Decimal	1274475
CIELab	43.11, -27.42, -3.60
CIElCh	43, 27.654, 187.487
Yxy	13.2346, 0.2342, 0.3467
Android (android.graphics.Color)	4279464555 (0xFF13726B)
YUV	84.7970, 10.9461, -57.7040
Hunter-Lab	36.3794, -19.8002, -0.5998

Details

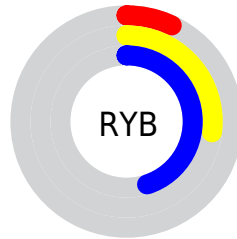
The YUV color **84.7970, 10.9461, -57.7040** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **48.2030, -10.9461, 57.7040**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2710, 8.7404, -50.2267**, and **44.9950, 7.3975, -39.4606** is the 20% darker color. If you saturate the color by 10%, you get **81.3940, 12.1308, -64.3665**, and if you desaturate by 10%, it is **88.2000, 9.7614, -51.0414**.

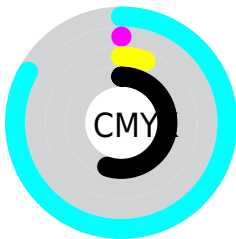
Distribution



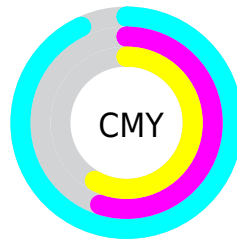
- Red (7%)
- Green (45%)
- Blue (42%)



- Red (7%)
- Yellow (27%)
- Blue (45%)



- Cyan (83%)
- Magenta (0%)
- Yellow (6%)
- Black (55%)



- Cyan (93%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7970, 10.9461, -57.7040 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 84.7970, 10.9461, -57.7040 by changing the saturation by 10% instead.

84.7970, 10.9461,
-57.7040

84.7970, 10.9461,
-57.7040

255.0000, 0.0000,
0.0000

61.7050, 10.4984,
-54.1153

140.2710, 8.7404,
-50.2267

44.9950, 7.3975,
-39.4606

168.1570, 8.3036,
-50.1267

29.5730, 4.1545,
-25.9355

195.8580, 8.4510,
-50.7415

13.2050, 2.3639,
-11.5808

224.4450, 8.1616,
-51.2563

0.0000, 0.0000,
0.0000

237.0600, 8.8444,
-36.8866

245.7310, 4.5696,

-19.0581

254.4020, 0.2948,
-1.2296

■ 84.7970, 10.9461,
-57.7040

■ 84.7970, 10.9461,
-57.7040

■ 81.3940, 12.1308,
-64.3665

■ 88.2000, 9.7614,
-51.0414

■ 79.0020, 13.3100,
-69.2848

■ 91.9020, 8.4293,
-43.7641

■ 95.3050, 7.2446,
-37.1015

■ 98.8930, 5.4758,
-29.7242

■ 102.2960, 4.2911,
-23.0616

■ 105.6990, 3.1064,
-16.3990

■ 109.4010, 1.7743,
-9.1217

■ 112.8040, 0.5896,
-2.4591

■ 116.5060, -0.7425,
4.8182

Harmonies

Analogous

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



93.2490, -4.5598, -30.9134



84.7970, 10.9461, -57.7040



81.0370, 23.6458, -71.0694

Triad

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



84.7970, 10.9461, -57.7040



104.3980, 16.5658, 6.6670



101.1870, -20.3052, 26.1460

Complementary

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



84.7970, 10.9461, -57.7040



48.2030, -10.9461, 57.7040

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.



102.6750, -13.6438, 36.2420



84.7970, 10.9461, -57.7040



104.5270, 7.6282, 26.7248

Square

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



84.7970, 10.9461, -57.7040



99.6550, 23.3411, -19.8684



104.0200, -3.4609, 36.8165



99.4470, -21.4194, 10.1320

Rectangle

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



84.7970, 10.9461, -57.7040



84.7050, 27.2604, -63.7623



104.0200, -3.4609, 36.8165



101.9640, -18.7163, 29.8496

Sweetspot

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



84.7970, 10.9461, -57.7040



136.5950, 4.1437, -22.4468



77.1570, -28.6714, -43.9877



67.1940, 2.3694, -13.3251



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



84.7970, 10.9461, -57.7040



102.4940, 17.0115, -89.8872



62.1150, 25.5793, -37.8119



54.2060, 0.8844, -3.6887



83.0940, 13.7577, -72.8734



171.0950, 28.5472, -150.0503

Inverse Universe

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



48.2030, -10.9461, 57.7040



45.5060, -17.0115, 89.8872



70.8850, -25.5793, 37.8119



51.9080, -0.4476, 3.5887



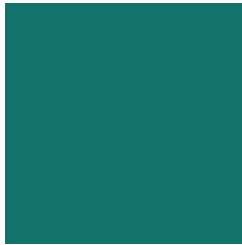
36.9060, -13.7577, 72.8734



75.9050, -28.5472, 150.0503

Previews

White Background



This preview shows how the YUV color 84.7970, 10.9461, -57.7040 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 84.7970, 10.9461, -57.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

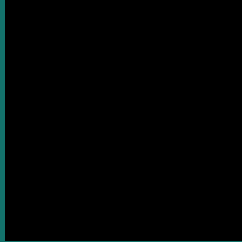
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7970, 10.9461, -57.7040

Background



This preview shows how black text looks on a background with the YUV color 84.7970, 10.9461, -57.7040.



This preview shows how white text looks on a background with the YUV color 84.7970, 10.9461,

-57.7040.

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

84.7970, 10.9461, -57.7040

Protanopia

101.6690, -1.3158, 2.0443

Deuteranopia

102.6460, 3.6255, 3.8185



Tritanopia

88.8070, 15.8711, -50.6967

Trichromacy



Original Color

84.7970, 10.9461, -57.7040

Protanomaly

95.6770, 3.1172, -19.8877

Deuteranomaly

95.8990, 6.4588, -18.3284

Tritanomaly

87.6280, 13.9874, -53.1708

Monochromacy



Original Color

84.7970, 10.9461, -57.7040

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1930, 3.8489, -21.2173

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7970, 10.9461, -57.7040 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(19, 114, 107)` looks like.

```
.text, #text, p{  
    color:rgb(19, 114, 107)  
}
```

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(19, 114, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 114, 107) }
```

Border

The CSS property to change the border of an element to YUV 84.7970, 10.9461, -57.7040 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(19, 114, 107) }
```


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

```
.border{ border-color:rgb(19, 114, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 114, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 114, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 114, 107);  
box-shadow:4px 4px 4px 4px rgb(19, 114,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 84.7970, 10.9461, -57.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 114, 107) }
```

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

```
.background{ background-color: rgb(19, 114,  
107) }
```

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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