

Converting Colors

YUV(86.9180, 24.1974,
-61.3181)

Have a look what the booklet for
YUV(86.9180, 24.1974, -61.3181)
contains.

| | |
|--|----|
| YUV(86.9180, 24.1974, -61.3181) | 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(86.9180, 24.1974,
-61.3181)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 117188 |
| RGB | 17, 113, 136 |
| RGB Percent | 7%, 44%, 53% |
| CMY | 0.9333, 0.5569, 0.4667 |
| CMYK | 0.88, 0.17, 0.00, 0.47 |
| HSL | 192°, 78%, 30% |
| HSV | 192°, 88%, 53% |
| XYZ | 10.5802, 13.7070, 25.3806 |
| YIQ | 86.9180, -64.5990, -13.1990 |

Conversions

Conversions Part 2

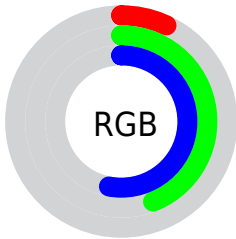
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 17, 70, 136 |
| Decimal | 1143176 |
| CIELab | 43.81, -17.28, -19.97 |
| CIELCh | 44, 26.404, 229.128 |
| Yxy | 13.7070, 0.2130, 0.2760 |
| Android (android.graphics.Color) | 4279333256 (0xFF117188) |
| YUV | 86.9180, 24.1974, -61.3181 |
| Hunter-Lab | 37.0230, -13.7794, -14.7294 |

Details

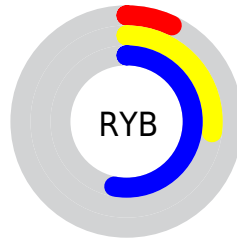
The YUV color **86.9180, 24.1974, -61.3181** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.0820, -24.1974, 61.3181**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1150, 22.1283, -50.9669**, and **47.9590, 18.7542, -42.0600** is the 20% darker color. If you saturate the color by 10%, you get **80.9710, 27.1293, -68.3806**, and if you desaturate by 10%, it is **92.8650, 21.2656, -54.2556**.

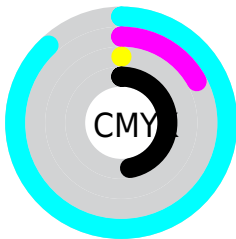
Distribution



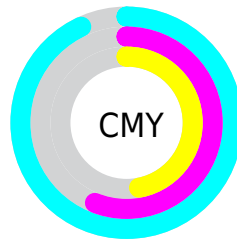
- Red (7%)
- Green (44%)
- Blue (53%)



- Red (7%)
- Yellow (27%)
- Blue (53%)



- Cyan (88%)
- Magenta (17%)
- Yellow (0%)
- Black (47%)



- Cyan (93%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9180, 24.1974, -61.3181 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 86.9180, 24.1974, -61.3181 by changing the saturation by 10% instead.

86.9180, 24.1974,
-61.3181

86.9180, 24.1974,
-61.3181

255.0000, 0.0000,
0.0000

64.3100, 23.0182,
-56.3999

144.1150, 22.1283,
-50.9669

47.9590, 18.7542,
-42.0600

171.8270, 22.2703,
-49.8373

32.4230, 15.0745,
-28.4350

199.9410, 22.7071,
-49.9373

18.1750, 11.2527,
-15.9395

226.6610, 13.9711,
-47.9377

2.8670, 8.4466,
-2.5144

238.8540, 7.9600,
-33.1980

0.0000, 0.0000,
0.0000

247.5250, 3.6852,

-15.3694

■ 86.9180, 24.1974,
-61.3181

■ 86.9180, 24.1974,
-61.3181

■ 80.9710, 27.1293,
-68.3806

■ 92.8650, 21.2656,
-54.2556

■ 80.0740, 27.5715,
-70.2249

■ 97.9260, 18.7705,
-47.2931

■ 103.8730, 15.8386,
-40.2306

■ 109.5210, 13.0541,
-33.7829

■ 114.8810, 10.4117,
-26.2056

■ 120.8280, 7.4798,
-19.1432

■ 125.8890, 4.9847,
-12.1807

■ 131.8360, 2.0529,
-5.1182

■ 137.4840, -0.7316,
1.3295

Harmonies

Analogous

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



85.9260, 15.3195, -60.4481



86.9180, 24.1974, -61.3181



97.3820, 23.9687, -34.5380

Triad

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



86.9180, 24.1974, -61.3181



105.9960, 2.9600, 30.6985



100.8590, -19.6505, 2.7547

Complementary

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



86.9180, 24.1974, -61.3181



66.0820, -24.1974, 61.3181

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.



102.3280, -20.8677, 19.8833



86.9180, 24.1974, -61.3181



104.9830, -7.3866, 35.9719

Square

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



86.9180, 24.1974, -61.3181



106.4160, 12.6129, 14.5442



103.9580, -16.2483, 31.6088



97.8010, -11.7339, -16.4885

Rectangle

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



86.9180, 24.1974, -61.3181



102.0360, 22.1673, -16.6946



103.9580, -16.2483, 31.6088



101.0770, -20.2510, 8.7025

Sweetspot

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



86.9180, 24.1974, -61.3181



156.9630, 9.3852, -23.6466



89.3610, -24.8280, -63.4606



77.9920, 5.4269, -14.0250



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



86.9180, 24.1974, -61.3181



103.4180, 35.7829, -90.6976



52.8720, 40.9821, -31.4597



66.3200, 1.3212, -3.7886



77.9710, 27.1293, -68.3806



2.9180, 1.0264, -2.5591

Inverse Universe

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



63.5250, 24.3912, 63.5606



68.8120, 36.0817, 94.0039



100.1280, -40.9821, 31.4597



64.7770, 1.5889, 3.7036



51.9650, 27.1323, 71.0677



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 86.9180, 24.1974, -61.3181 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 86.9180, 24.1974, -61.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

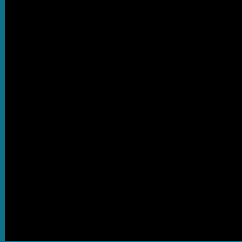
Any Text WCAG AA × Fail

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 86.9180, 24.1974, -61.3181 Background



This preview shows how black text looks on a background with the YUV color 86.9180, 24.1974, -61.3181.

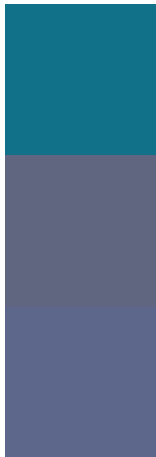


This preview shows how white text looks on a background with the YUV color 86.9180, 24.1974, -61.3181.

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

86.9180, 24.1974, -61.3181

Protanopia

103.4690, 12.0938, -5.6733

Deuteranopia

103.5270, 17.4882, -9.2322



Tritanopia

81.6410, 20.8830, -71.5992

Trichromacy



Original Color

86.9180, 24.1974, -61.3181

Protanomaly

97.4880, 16.5214, -25.8610

Deuteranomaly

97.3890, 20.0212, -28.4052

Tritanomaly

83.3040, 22.0351, -67.7956

Monochromacy



Original Color

86.9180, 24.1974, -61.3181

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8600, 8.9430, -21.8022

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9180, 24.1974, -61.3181 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(17, 113, 136)` looks like.

```
.text, #text, p{  
    color:rgb(17, 113, 136)  
}
```

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(17, 113, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 113, 136) }
```

Border

The CSS property to change the border of an element to YUV 86.9180, 24.1974, -61.3181 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(17, 113, 136) }
```


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

```
.border{ border-color:rgb(17, 113, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 113, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(17, 113, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(17, 113, 136); box-shadow:4px 4px 4px 4px rgb(17, 113, 136) }
```

Background

The CSS property to change the background color of an element to YUV 86.9180, 24.1974, -61.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 113, 136) }
```

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

```
.background{ background-color: rgb(17, 113,  
136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor