

Converting Colors

YUV(86.5920, 5.1311, -59.2782)

Have a look what the booklet for
YUV(86.5920, 5.1311, -59.2782)
contains.

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Color

**YUV(86.5920, 5.1311,
-59.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	137761
RGB	19, 119, 97
RGB Percent	7%, 47%, 38%
CMY	0.9255, 0.5333, 0.6196
CMYK	0.84, 0.00, 0.18, 0.53
HSL	167°, 72%, 27%
HSV	167°, 84%, 47%
XYZ	9.0231, 14.1952, 13.5736
YIQ	86.5920, -52.5380, -28.0420

Conversions

Conversions Part 2

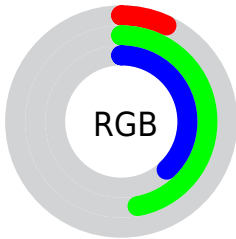
Format	Color
RYB	19, 75, 119
Decimal	1275745
CIELab	44.51, -32.73, 4.42
CIELCh	45, 33.032, 172.310
Yxy	14.1952, 0.2452, 0.3858
Android (android.graphics.Color)	4279465825 (0xFF137761)
YUV	86.5920, 5.1311, -59.2782
Hunter-Lab	37.6765, -23.1853, 5.0132

Details

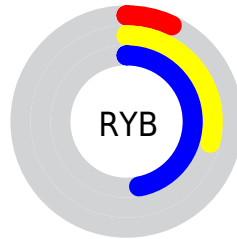
The YUV color **86.5920, 5.1311, -59.2782** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **51.4080, -5.1311, 59.2782**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6530, 2.6361, -52.3157**, and **46.9040, 2.0193, -41.1348** is the 20% darker color. If you saturate the color by 10%, you get **82.6620, 5.5896, -66.3556**, and if you desaturate by 10%, it is **90.5220, 4.6727, -52.2008**.

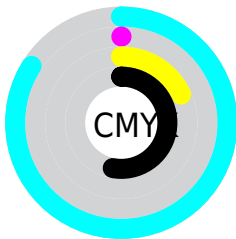
Distribution



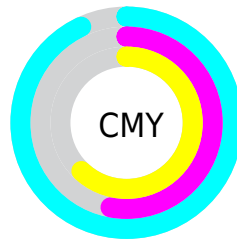
- Red (7%)
- Green (47%)
- Blue (38%)



- Red (7%)
- Yellow (29%)
- Blue (47%)



- Cyan (84%)
- Magenta (0%)
- Yellow (18%)
- Black (53%)



- Cyan (93%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5920, 5.1311, -59.2782 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 86.5920, 5.1311, -59.2782 by changing the saturation by 10% instead.

86.5920, 5.1311,
-59.2782

86.5920, 5.1311,
-59.2782

255.0000, 0.0000,
0.0000

63.5000, 4.6835,
-55.6895

142.6530, 2.6361,
-52.3157

46.9040, 2.0193,
-41.1348

170.4250, 1.7625,
-52.1157

30.4220, -0.2080,
-26.6801

198.1260, 1.9099,
-52.7305

15.2450, -5.0508,
-13.3699

225.8380, 2.0519,
-51.6009

0.0000, 0.0000,
0.0000

237.0600, 8.8444,
-36.8866

245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 86.5920, 5.1311,
-59.2782

■ 86.5920, 5.1311,
-59.2782

■ 82.6620, 5.5896,
-66.3556

■ 90.5220, 4.6727,
-52.2008

■ 80.4550, 6.1847,
-70.5590

■ 94.3380, 3.7774,
-45.0234

■ 98.2680, 3.3189,
-37.9460

■ 102.0840, 2.4236,
-30.7687

■ 105.7150, 2.1125,
-24.3061

■ 109.6450, 1.6540,
-17.2287

■ 113.4610, 0.7587,
-10.0513

■ 117.3910, 0.3002,
-2.9739

■ 121.3210, -0.1583,
4.1035

Harmonies

Analogous

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



96.8170, -12.7278, -24.3955



86.5920, 5.1311, -59.2782



84.1030, 20.1622, -73.7583

Triad

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



86.5920, 5.1311, -59.2782



106.0740, 24.6135, -7.9579



104.8510, -20.6325, 37.8417

Complementary

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



86.5920, 5.1311, -59.2782



51.4080, -5.1311, 59.2782

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.



106.0550, -9.8871, 44.6788



86.5920, 5.1311, -59.2782



108.4430, 15.0646, 21.5365

Square

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



86.5920, 5.1311, -59.2782



94.9550, 31.5742, -47.3185



107.4640, 3.2222, 39.9351



103.2590, -26.2567, 21.6979

Rectangle

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



86.5920, 5.1311, -59.2782



85.3400, 27.4404, -74.8432



107.4640, 3.2222, 39.9351



105.0840, -17.2964, 41.1453

Sweetspot

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



86.5920, 5.1311, -59.2782



143.3130, 1.8177, -23.0765



84.5770, -32.3295, -37.3400



71.2540, 1.3538, -14.2548



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



86.5920, 5.1311, -59.2782



105.3660, 7.7076, -92.4060



73.2510, 22.5543, -47.5781



56.9780, 0.0108, -3.4887



82.4440, 6.1901, -72.3034



168.9800, 12.8279, -148.1955

Inverse Universe

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



51.4080, -5.1311, 59.2782



50.5200, -8.1444, 92.5060



64.7490, -22.5543, 47.5781



54.9080, -0.4476, 3.5887



39.5560, -6.1901, 72.3034



81.0200, -12.8279, 148.1955

Previews

White Background



This preview shows how the YUV color 86.5920, 5.1311, -59.2782 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 86.5920, 5.1311, -59.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

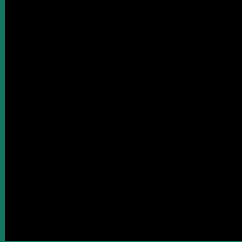
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5920, 5.1311, -59.2782

Background



This preview shows how black text looks on a background with the YUV color 86.5920, 5.1311, -59.2782.



This preview shows how white text looks on a background with the YUV color 86.5920, 5.1311, -59.2782.

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

86.5920, 5.1311, -59.2782

Protanopia

104.1980, -6.9996, 5.0884

Deuteranopia

105.4850, -2.2111, 9.2217



Tritanopia

93.4160, 15.5709, -47.7228

Trichromacy



Original Color

86.5920, 5.1311, -59.2782

Protanomaly

97.6080, -2.2717, -18.0732

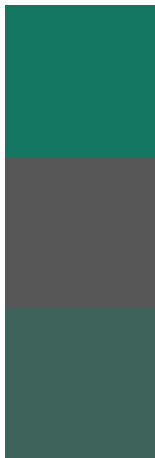
Deuteranomaly

99.0150, 0.4856, -15.7992

Tritanomaly

90.7700, 11.9454, -51.5413

Monochromacy



Original Color

86.5920, 5.1311, -59.2782

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0250, 1.9597, -21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5920, 5.1311, -59.2782 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, 119, 97)` looks like.

```
.text, #text, p{  
    color:rgb(19, 119, 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(19, 119, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 119, 97) }
```

Border

The CSS property to change the border of an element to YUV 86.5920, 5.1311, -59.2782 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, 119, 97) }
```


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

```
.border{ border-color:rgb(19, 119, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 119, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 119, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 119, 97);  
box-shadow:4px 4px 4px 4px rgb(19, 119,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 86.5920, 5.1311, -59.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 119, 97) }
```

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

```
.background{ background-color: rgb(19, 119,  
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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