

Converting Colors

YUV(111.3180, 4.2802,
-19.5729)

Have a look what the booklet for
YUV(111.3180, 4.2802, -19.5729)
contains.

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Color

**YUV(111.3180, 4.2802,
-19.5729)**

Conversions

Conversions Part 1

Format	Color
Hex	597978
RGB	89, 121, 120
RGB Percent	35%, 47%, 47%
CMY	0.6510, 0.5255, 0.5294
CMYK	0.26, 0.00, 0.01, 0.53
HSL	178°, 15%, 41%
HSV	178°, 26%, 47%
XYZ	14.3474, 17.1547, 20.3243
YIQ	111.3180, -18.7510, -7.0950

Conversions

Conversions Part 2

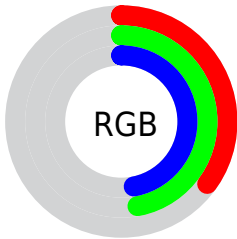
Format	Color
R_{YB}	89, 105, 121
Decimal	5863800
CIE _{Lab}	48.45, -11.60, -3.17
CIE _{LCh}	48, 12.022, 195.301
Yxy	17.1547, 0.2768, 0.3310
Android (android.graphics.Color)	4284053880 (0xFF597978)
YUV	111.3180, 4.2802, -19.5729
Hunter-Lab	41.4182, -10.6490, -0.1014

Details

The YUV color **111.3180, 4.2802, -19.5729** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **98.6820, -4.2802, 19.5729**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0190, 4.4276, -20.1877**, and **63.0300, 4.4222, -18.4433** is the 20% darker color. If you saturate the color by 10%, you get **107.7300, 6.0491, -26.9502**, and if you desaturate by 10%, it is **114.9060, 2.5113, -12.1956**.

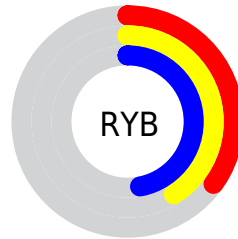
Distribution



Red (35%)

Green (47%)

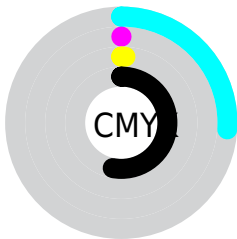
Blue (47%)



Red (35%)

Yellow (41%)

Blue (47%)

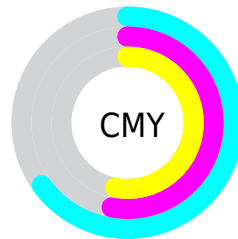


Cyan (26%)

Magenta (0%)

Yellow (1%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3180, 4.2802, -19.5729 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 111.3180, 4.2802, -19.5729 by changing the saturation by 10% instead.

■ 111.3180, 4.2802,
-19.5729

■ 111.3180, 4.2802,
-19.5729

■ 255.0000, 0.0000,
0.0000

■ 86.6170, 4.1328,
-18.9581

■ 163.0190, 4.4276,
-20.1877

■ 63.0300, 4.4222,
-18.4433

■ 190.7200, 4.5750,
-20.8024

■ 40.6170, 4.1328,
-18.9581

■ 218.4210, 4.7224,
-21.4172

■ 20.2150, 3.8380,
-17.7286

■ 245.1330, 4.8644,
-20.2876

■ 0.1140, 0.4368,
-0.1000

■ 253.8040, 0.5896,
-2.4591

■ 0.0000, 0.0000,
0.0000

■ 111.3180, 4.2802,
-19.5729

■ 111.3180, 4.2802,
-19.5729

■ 107.7300, 6.0491,
-26.9502

■ 114.9060, 2.5113,
-12.1956

■ 104.0280, 7.3812,
-34.2276

■ 118.6080, 1.1793,
-4.9182

■ 100.4400, 9.1501,
-41.6049

■ 122.1960, -0.5896,
2.4591

■ 96.7380, 10.4822,
-48.8822

■ 125.8980, -1.9217,
9.7365

■ 92.8510, 12.3985,
-56.8743

■ 129.4860, -3.6906,
17.1138

■ 89.2630, 14.1673,
-64.2517

■ 133.3730, -5.6069,
25.1059

■ 85.5610, 15.4994,
-71.5290

■ 137.0750, -6.9390,
32.3832

■ 84.3650, 16.0891,

■ 140.6630, -8.7079,

-73.9881

39.7605

■ 144.2510,
-10.4767, 47.1379

Harmonies

Analogous

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



111.9720, -0.9722, -14.8844



111.3180, 4.2802, -19.5729



112.0560, 8.3534, -19.3431

Triad

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



111.3180, 4.2802, -19.5729



116.6400, 6.0935, 5.5777



115.5470, -9.6367, 10.9213

Complementary

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



111.3180, 4.2802, -19.5729



98.6820, -4.2802, 19.5729

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.



116.4490, -7.6164, 16.2692



111.3180, 4.2802, -19.5729



117.4300, 1.2670, 13.6549

Square

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



111.3180, 4.2802, -19.5729



115.3830, 9.1782, -3.8439



116.8990, -3.4012, 17.6286



114.2040, -9.4676, 3.3291

Rectangle

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



111.3180, 4.2802, -19.5729



112.5340, 10.0897, -16.2543



116.8990, -3.4012, 17.6286



115.9710, -9.3527, 13.1804

Sweetspot

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



111.3180, 4.2802, -19.5729



154.1130, 1.9163, -7.9921



108.0830, -9.4079, -15.8588



76.6080, 1.1793, -4.9182



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.



111.3180, 4.2802, -19.5729



142.9360, 6.9336, -30.6389



102.6270, 9.0579, -11.9509



59.2060, 0.8844, -3.6887



87.1690, 16.6787, -76.4472



175.8540, 34.0890, -154.2240

Inverse Universe

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



98.6820, -4.2802, 19.5729



123.0640, -6.9336, 30.6389



107.3730, -9.0579, 11.9509



56.7940, -0.8844, 3.6887



37.8310, -16.6787, 76.4472



76.2600, -33.6522, 154.1240

Previews

White Background



This preview shows how the YUV color 111.3180, 4.2802, -19.5729 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 111.3180, 4.2802, -19.5729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

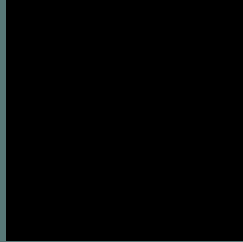
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.3180, 4.2802, -19.5729

Background



This preview shows how black text looks on a background with the YUV color 111.3180, 4.2802, -19.5729.



This preview shows how white text looks on a background with the YUV color 111.3180, 4.2802, -19.5729.

-19.5729.

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

111.3180, 4.2802, -19.5729

Protanopia

114.8260, 0.5788, 1.0296

Deuteranopia

115.8420, 3.0359, 6.2776



Tritanopia

112.3550, 8.2060, -18.7283

Trichromacy



Original Color

111.3180, 4.2802, -19.5729

Protanomaly

113.7110, 1.6215, -6.7625

Deuteranomaly

114.4880, 3.2104, -3.0590

Tritanomaly

111.7140, 7.0430, -19.0432

Monochromacy



Original Color

111.3180, 4.2802, -19.5729

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.2980, 1.3321, -7.2773

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3180, 4.2802, -19.5729 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(89, 121, 120)` looks like.

```
.text, #text, p{  
    color:rgb(89, 121, 120)  
}
```

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(89, 121, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 121, 120) }
```

Border

The CSS property to change the border of an element to YUV 111.3180, 4.2802, -19.5729 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(89, 121, 120) }
```


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

```
.border{ border-color:rgb(89, 121, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 121, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 121, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 121, 120);  
box-shadow:4px 4px 4px 4px rgb(89, 121,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 111.3180, 4.2802, -19.5729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 121, 120) }
```

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

```
.background{ background-color: rgb(89, 121,  
120) }
```

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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