

Converting Colors

YUV(87.7110, -1.8295, -19.9175)

Have a look what the booklet for
YUV(87.7110, -1.8295, -19.9175)
contains.

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Color

**YUV(87.7110, -1.8295,
-19.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	416454
RGB	65, 100, 84
RGB Percent	25%, 39%, 33%
CMY	0.7451, 0.6078, 0.6706
CMYK	0.35, 0.00, 0.16, 0.61
HSL	153°, 21%, 32%
HSV	153°, 35%, 39%
XYZ	8.3374, 10.8783, 10.0478
YIQ	87.7110, -15.7240, -12.3960

Conversions

Conversions Part 2

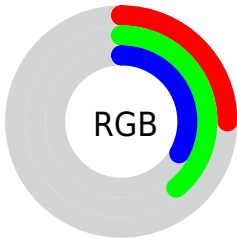
Format	Color
RYB	65, 88, 100
Decimal	4285524
CIELab	39.37, -16.52, 5.09
CIELCh	39, 17.291, 162.864
Yxy	10.8783, 0.2849, 0.3717
Android (android.graphics.Color)	4282475604 (0xFF416454)
YUV	87.7110, -1.8295, -19.9175
Hunter-Lab	32.9822, -12.5969, 5.0253

Details

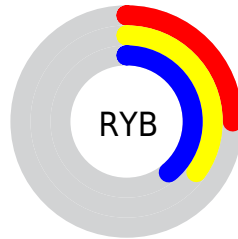
The YUV color **87.7110, -1.8295, -19.9175** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77.2890, 1.8295, 19.9175**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9990, -1.9715, -21.0471**, and **41.2380, -1.1033, -19.5027** is the 20% darker color. If you saturate the color by 10%, you get **84.1510, -2.5394, -25.5654**, and if you desaturate by 10%, it is **91.2710, -1.1196, -14.2697**.

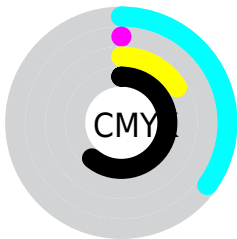
Distribution



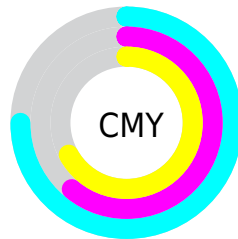
- Red (25%)
- Green (39%)
- Blue (33%)



- Red (25%)
- Yellow (35%)
- Blue (39%)



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)
- Black (61%)



- Cyan (75%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7110, -1.8295, -19.9175 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 87.7110, -1.8295, -19.9175 by changing the saturation by 10% instead.

■ 87.7110, -1.8295,
-19.9175

■ 87.7110, -1.8295,
-19.9175

■ 255.0000, 0.0000,
0.0000

■ 64.1240, -1.5401,
-19.4027

■ 137.9990, -1.9715,
-21.0471

■ 41.2380, -1.1033,
-19.5027

■ 164.5860, -2.2609,
-21.5619

■ 20.9500, -0.9613,
-18.3731

■ 191.5860, -2.2609,
-21.5619

■ 0.0000, 0.0000,
0.0000

■ 219.7600, -2.8397,
-22.5915

■ 243.7650, -0.3771,
-19.0879

■ 253.8040, 0.5896,

-2.4591

■ 87.7110, -1.8295,
-19.9175

■ 87.7110, -1.8295,
-19.9175

■ 84.1510, -2.5394,
-25.5654

■ 91.2710, -1.1196,
-14.2697

■ 80.7050, -2.8126,
-31.3133

■ 94.7170, -0.8465,
-8.5218

■ 77.1450, -3.5225,
-36.9612

■ 98.2770, -0.1366,
-2.8739

■ 73.6990, -3.7956,
-42.7090

■ 101.7230, 0.1366,
2.8739

■ 70.1390, -4.5055,
-48.3569

■ 105.2830, 0.8465,
8.5218

■ 66.6930, -4.7786,
-54.1048

■ 108.7290, 1.1196,
14.2697

■ 64.8560, -5.3520,
-56.8787

■ 112.2890, 1.8295,
19.9175

■ 115.8490, 2.5394,
25.5654

■ 119.2950, 2.8126,
31.3133

Harmonies

Analogous

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



89.9530, -8.8508, -7.8518



87.7110, -1.8295, -19.9175



86.3060, 5.7651, -29.2094

Triad

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



87.7110, -1.8295, -19.9175



92.8000, 13.4096, -7.7176



93.9120, -9.8166, 22.0022

Complementary

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



87.7110, -1.8295, -19.9175



77.2890, 1.8295, 19.9175

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.



94.8180, -3.8543, 22.9616



87.7110, -1.8295, -19.9175



94.4490, 9.1456, 6.6222

Square

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



87.7110, -1.8295, -19.9175



89.0540, 14.7634, -21.9724



94.9190, 2.9979, 18.4880



92.6570, -13.1419, 15.2098

Rectangle

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



87.7110, -1.8295, -19.9175



85.8480, 10.4279, -31.4387



94.9190, 2.9979, 18.4880



94.0800, -7.9274, 22.7318

Sweetspot

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



87.7110, -1.8295, -19.9175



125.1300, -0.5571, -8.0070



90.3290, -12.4872, -8.1815



63.1520, -0.5679, -4.5183



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



87.7110, -1.8295, -19.9175



110.7050, -2.8126, -31.3133



88.9480, 5.4486, -21.0024



49.2770, -0.1366, -2.8739



74.5730, -6.1985, -65.4005



157.1020, -12.3753, -137.7785

Inverse Universe

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



77.2890, 1.8295, 19.9175



94.2950, 2.8126, 31.3133



76.0520, -5.4486, 21.0024



47.7230, 0.1366, 2.8739



40.3130, 5.7617, 65.5005



85.0120, 12.8121, 137.6785

Previews

White Background



This preview shows how the YUV color 87.7110, -1.8295, -19.9175 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 87.7110, -1.8295, -19.9175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

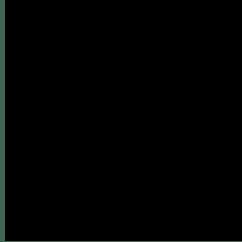
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.7110, -1.8295, -19.9175

Background



This preview shows how black text looks on a background with the YUV color 87.7110, -1.8295, -19.9175.



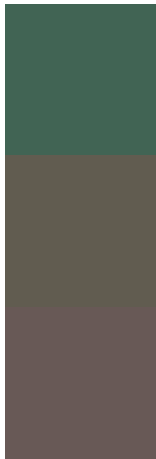
This preview shows how white text looks on a background with the YUV color 87.7110, -1.8295,

-19.9175.

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

87.7110, -1.8295, -19.9175

Protanopia

92.1270, -5.9786, 4.2736

Deuteranopia

93.1430, -3.5215, 9.5216



Tritanopia

89.8390, 7.4744, -17.3988

Trichromacy



Original Color

87.7110, -1.8295, -19.9175

Protanomaly

90.4140, -4.6411, -4.7481

Deuteranomaly

91.1910, -3.0522, -1.0445

Tritanomaly

88.9160, 3.9854, -18.3433

Monochromacy



Original Color

87.7110, -1.8295, -19.9175

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7110, -1.8295, -19.9175 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(65, 100, 84)` looks like.

```
.text, #text, p{  
    color:rgb(65, 100, 84)  
}
```

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(65, 100, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 100, 84) }
```

Border

The CSS property to change the border of an element to YUV 87.7110, -1.8295, -19.9175 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(65, 100, 84) }
```


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

```
.border{ border-color:rgb(65, 100, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 100, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 100, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 100, 84);  
box-shadow:4px 4px 4px 4px rgb(65, 100,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 87.7110, -1.8295, -19.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 100, 84) }
```

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

```
.background{ background-color: rgb(65, 100,  
84) }
```

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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