

Converting Colors

YUV(35.2160, 5.8095, 3.3186)

Have a look what the booklet for
YUV(35.2160, 5.8095, 3.3186)
contains.

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Color

**YUV(35.2160, 5.8095,
3.3186)**

Conversions

Conversions Part 1

Format	Color
Hex	271F2F
RGB	39, 31, 47
RGB Percent	15%, 12%, 18%
CMY	0.8471, 0.8784, 0.8157
CMYK	0.17, 0.34, 0.00, 0.82
HSL	270°, 21%, 15%
HSV	270°, 34%, 18%
XYZ	1.8398, 1.6165, 2.9044
YIQ	35.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

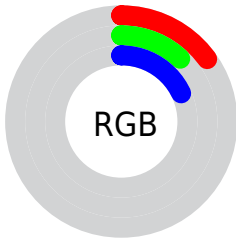
Format	Color
RYB	39, 31, 47
Decimal	2563887
CIELab	13.33, 7.82, -9.19
CIElCh	13, 12.068, 310.418
Yxy	1.6165, 0.2892, 0.2541
Android (android.graphics.Color)	4280753967 (0xFF271F2F)
YUV	35.2160, 5.8095, 3.3186
Hunter-Lab	12.7143, 3.5790, -4.6438

Details

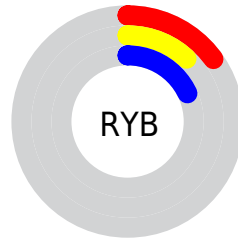
The YUV color **35.2160, 5.8095, 3.3186** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.7840, -5.8095, -3.3186**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.7430, 6.5357, 3.7334**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.6830, 7.5513, 4.6630**, and if you desaturate by 10%, it is **38.7490, 4.0677, 1.9741**.

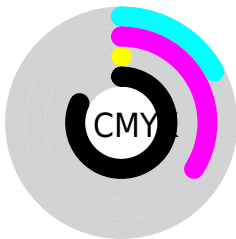
Distribution



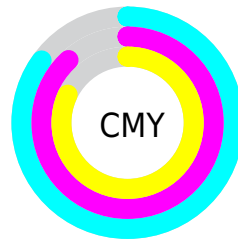
- Red (15%)
- Green (12%)
- Blue (18%)



- Red (15%)
- Yellow (12%)
- Blue (18%)



- Cyan (17%)
- Magenta (34%)
- Yellow (0%)
- Black (82%)



- Cyan (85%)
- Magenta (88%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.2160, 5.8095, 3.3186 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 35.2160, 5.8095, 3.3186 by changing the saturation by 10% instead.

■ 35.2160, 5.8095,
3.3186

■ 35.2160, 5.8095,
3.3186

■ 255.0000, 0.0000,
0.0000

■ 12.7540, 6.5303,
5.4777

■ 79.7430, 6.5357,
3.7334

■ 0.0000, 0.0000,
0.0000

■ 103.8570, 6.9725,
3.6334

■ 129.1560, 6.8251,
4.2482

■ 154.6830, 7.5513,
4.6630

■ 181.6830, 7.5513,
4.6630

■ 209.0960, 7.8407,

5.1778

■ 237.7970, 7.9881,
4.5630

■ 35.2160, 5.8095,
3.3186

■ 35.2160, 5.8095,
3.3186

■ 31.6830, 7.5513,
4.6630

■ 38.7490, 4.0677,
1.9741

■ 28.4380, 9.1511,
4.8779

■ 41.9940, 2.4680,
1.7593

■ 24.9050, 10.8928,
6.2223

■ 45.5270, 0.7262,
0.4148

■ 21.3720, 12.6346,
7.5668

■ 49.0600, -1.0156,
-0.9296

■ 17.5400, 14.5238,
8.2964

■ 52.8920, -2.9048,
-1.6593

■ 14.5940, 15.9762,
9.1261

■ 55.8380, -4.3571,
-2.4889

■ 12.5340, 16.9917,
10.0557

■ 59.3710, -6.0989,
-3.8334

■ 63.2030, -7.9881,
-4.5630

■ 66.1490, -9.4405,
-5.3927

Harmonies

Analogous

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



33.8450, 8.4574, -6.0031



35.2160, 5.8095, 3.3186



35.6360, 2.1515, 9.9662

Triad

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



35.2160, 5.8095, 3.3186



34.2910, -8.0315, 9.3918



29.2040, 3.8434, -19.4729

Complementary

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



35.2160, 5.8095, 3.3186



42.7840, -5.8095, -3.3186

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.



30.8800, -1.4198, -11.2958



35.2160, 5.8095, 3.3186



33.5460, -8.1572, 3.0292

Square

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



35.2160, 5.8095, 3.3186



34.7090, -5.2795, 13.4102



32.4850, -5.6621, -3.9333



28.6320, 8.0694, -21.6023

Rectangle

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



35.2160, 5.8095, 3.3186



35.2620, -0.6222, 12.9252



32.4850, -5.6621, -3.9333



29.7590, 2.0908, -17.3286

Sweetspot

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



35.2160, 5.8095, 3.3186



56.5810, 2.1786, 1.2445



37.5200, 4.6736, -5.7180



28.0540, 1.4524, 0.8296



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



35.2160, 5.8095, 3.3186



42.7370, 9.0037, 5.4927



37.6080, 4.6303, 8.2368



21.5270, 0.7262, 0.4148



22.7750, 31.6629, 17.7373



56.3890, 77.7022, 44.3858

Inverse Universe

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



36.6960, 1.1359, 9.0366



44.9570, 1.9932, 14.0697



40.3920, -4.6303, -8.2368



21.7120, 0.1420, 1.1296



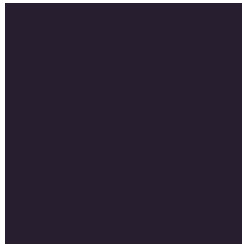
30.9150, 5.9579, 49.1865



76.1840, 15.1923, 120.8646

Previews

White Background



This preview shows how the YUV color 35.2160, 5.8095, 3.3186 looks on a white background.

Color Contrast Check

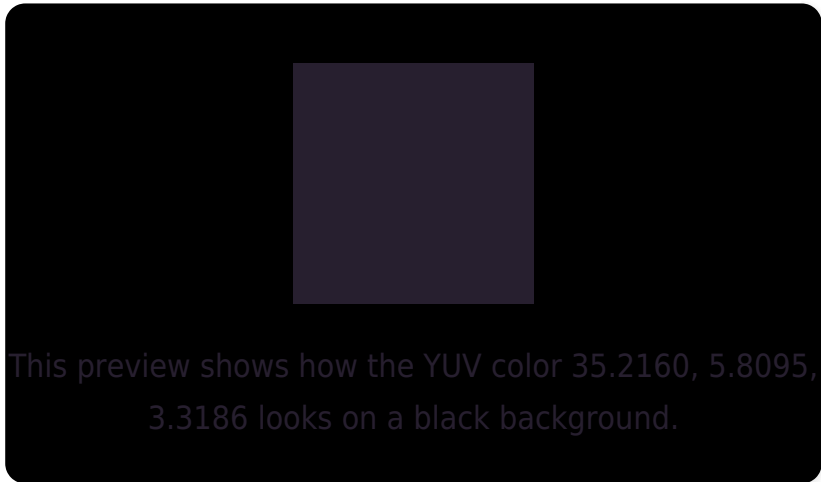
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.2160, 5.8095, 3.3186

Background



This preview shows how black text looks on a background with the YUV color 35.2160, 5.8095, 3.3186.



This preview shows how white text looks on a background with the YUV color 35.2160, 5.8095,

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

35.2160, 5.8095, 3.3186

Protanopia

34.2150, 7.2890, -4.5736

Deuteranopia

34.4710, 5.6838, -3.0441



Tritanopia

34.5380, 0.7208, 2.1592

Trichromacy



Original Color

35.2160, 5.8095, 3.3186

Protanomaly

34.7100, 6.5520, -1.4997

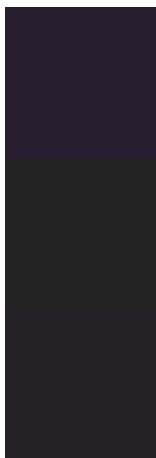
Deuteranomaly

34.7810, 5.5310, -0.6849

Tritanomaly

34.7060, 2.6099, 2.8888

Monochromacy



Original Color

35.2160, 5.8095, 3.3186

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.2160, 5.8095, 3.3186 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(39, 31, 47)` looks like.

```
.text, #text, p{  
    color:rgb(39, 31, 47)  
}
```

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(39, 31, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 31, 47) }
```

Border

The CSS property to change the border of an element to YUV 35.2160, 5.8095, 3.3186 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(39, 31, 47) }
```


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

```
.border{ border-color:rgb(39, 31, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 31, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 31, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 31, 47);  
box-shadow:4px 4px 4px 4px rgb(39, 31, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.2160, 5.8095, 3.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 31, 47) }
```

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

```
.background{ background-color: rgb(39, 31,  
47) }
```

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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