

Converting Colors

YUV(19.1120, 6.8468, -2.7292)

Have a look what the booklet for
YUV(19.1120, 6.8468, -2.7292)
contains.

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Color

**YUV(19.1120, 6.8468,
-2.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	101221
RGB	16, 18, 33
RGB Percent	6%, 7%, 13%
CMY	0.9373, 0.9294, 0.8706
CMYK	0.52, 0.45, 0.00, 0.87
HSL	233°, 35%, 10%
HSV	233°, 52%, 13%
XYZ	0.7045, 0.6526, 1.5277
YIQ	19.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

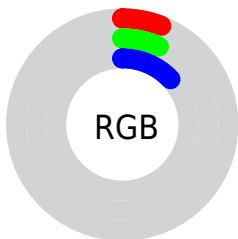
Format	Color
R _Y B	16, 18, 33
Decimal	1053217
CIE Lab	5.89, 3.45, -10.49
CIE LCh	6, 11.042, 288.214
Yxy	0.6526, 0.2442, 0.2262
Android (android.graphics.Color)	4279243297 (0xFF101221)
YUV	19.1120, 6.8468, -2.7292
Hunter-Lab	8.0782, 1.4302, -5.5576

Details

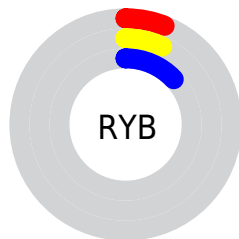
The YUV color **19.1120, 6.8468, -2.7292** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **29.8880, -6.8468, 2.7292**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **61.3400, 7.7204, -2.9292**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.4540, 8.1572, -3.0292**, and if you desaturate by 10%, it is **21.7700, 5.5364, -2.4293**.

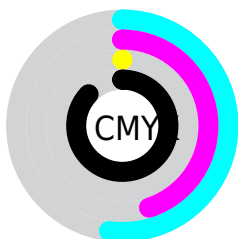
Distribution



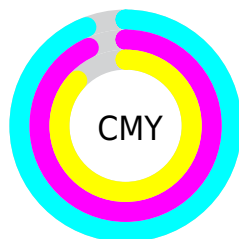
- Red (6%)
- Green (7%)
- Blue (13%)



- Red (6%)
- Yellow (7%)
- Blue (13%)



- Cyan (52%)
- Magenta (45%)
- Yellow (0%)
- Black (87%)



- Cyan (94%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.1120, 6.8468, -2.7292 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 19.1120, 6.8468, -2.7292 by changing the saturation by 10% instead.

■ 19.1120, 6.8468,
-2.7292

■ 19.1120, 6.8468,
-2.7292

■ 242.8840, 5.9732,
-2.5293

■ 0.9120, 3.4944,
-0.7998

■ 61.3400, 7.7204,
-2.9292

■ 0.0000, 0.0000,
0.0000

■ 84.4540, 8.1572,
-3.0292

■ 109.4540, 8.1572,
-3.0292

■ 134.5680, 8.5940,
-3.1291

■ 160.6820, 9.0308,
-3.2291

■ 187.6820, 9.0308,

-3.2291

■ 215.0950, 9.3202,
-2.7143

■ 19.1120, 6.8468,
-2.7292

■ 19.1120, 6.8468,
-2.7292

■ 16.4540, 8.1572,
-3.0292

■ 21.7700, 5.5364,
-2.4293

■ 13.4970, 9.6150,
-3.9439

■ 24.7270, 4.0786,
-1.5146

■ 10.8390, 10.9254,
-4.2438

■ 27.3850, 2.7682,
-1.2146

■ 8.1810, 12.2358,
-4.5437

■ 30.0430, 1.4578,
-0.9147

■ 6.1100, 13.2568,
-5.3585

■ 33.0000, 0.0000,
0.0000

■ 35.0710, -1.0210,
0.8147

■ 37.7290, -2.3314,
1.1147

■ 40.3870, -3.6418,
1.4146

■ 43.3440, -5.0996,
2.3293

Harmonies

Analogous

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



16.6870, 8.0423, -12.8805



19.1120, 6.8468, -2.7292



19.8850, 4.4937, 5.3629

Triad

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



19.1120, 6.8468, -2.7292



18.3130, -8.0423, 12.8805



15.7980, -0.3934, -13.8548

Complementary

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



19.1120, 6.8468, -2.7292



29.8880, -6.8468, 2.7292

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.



15.6480, -6.2355, -6.7073



19.1120, 6.8468, -2.7292



18.3510, -9.0470, 8.4622

Square

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



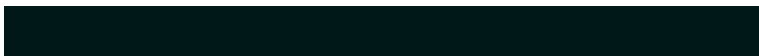
19.1120, 6.8468, -2.7292



19.2790, -3.0955, 12.9103



18.0190, -8.8834, 2.6143



16.8240, 3.5378, -14.7546

Rectangle

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



19.1120, 6.8468, -2.7292



20.0380, 2.4463, 8.7367



18.0190, -8.8834, 2.6143



14.7550, -1.8512, -12.9401

Sweetspot

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



19.1120, 6.8468, -2.7292



38.2710, 2.3314, -1.1147



27.6890, 1.6323, -10.2513



19.4560, 1.7472, -0.3999



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



19.1120, 6.8468, -2.7292



21.4260, 10.6360, -4.7586



19.7320, 6.5411, 1.9890



14.1140, 0.4368, -0.1000



14.2890, 31.9025, -12.5315



37.6860, 83.4718, -33.0506

Inverse Universe

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



21.3110, -1.6323, 10.2513



24.5290, -2.2328, 16.1991



29.2680, -6.5411, -1.9890



14.2990, -0.1474, 0.6148



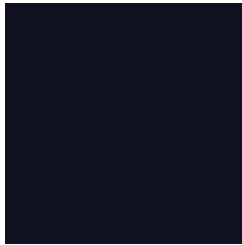
24.6470, -7.7140, 47.6676



64.6290, -20.0301, 124.8594

Previews

White Background



This preview shows how the YUV color 19.1120, 6.8468, -2.7292 looks on a white background.

Color Contrast Check

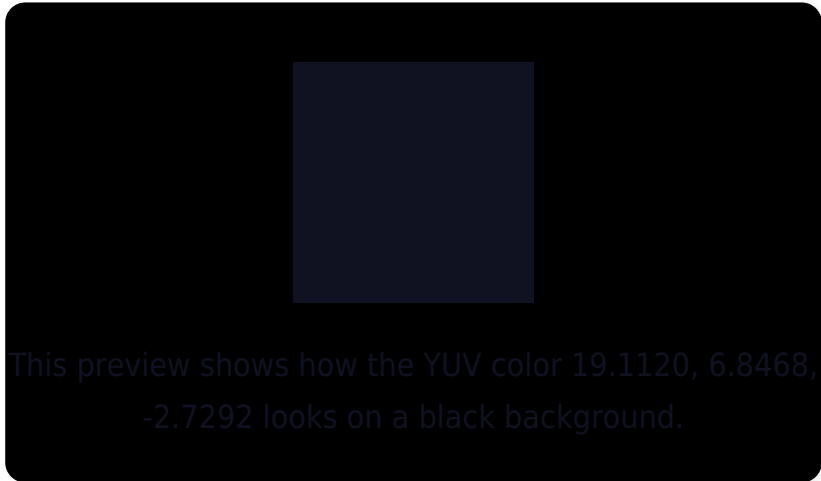
Large Text (above 18pt) WCAG AA ✓ Pass

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

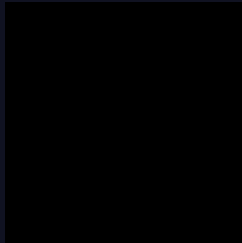
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.1120, 6.8468, -2.7292

Background



This preview shows how black text looks on a background with the YUV color 19.1120, 6.8468, -2.7292.



This preview shows how white text looks on a background with the YUV color 19.1120, 6.8468, -2.7292.

-2.7292.

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

19.1120, 6.8468, -2.7292

Protanopia

18.6170, 7.5838, -5.8031

Deuteranopia

17.6060, 7.5892, -7.5475



Tritanopia

17.8360, 2.0529, -5.1182

Trichromacy



Original Color

19.1120, 6.8468, -2.7292

Protanomaly

18.9160, 7.4364, -5.1883

Deuteranomaly

18.5030, 7.1470, -5.7031

Tritanomaly

18.0040, 3.9420, -4.3885

Monochromacy



Original Color

19.1120, 6.8468, -2.7292

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.2710, 2.3314, -1.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.1120, 6.8468, -2.7292 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(16, 18, 33)` looks like.

```
.text, #text, p{  
    color:rgb(16, 18, 33)  
}
```

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(16, 18, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 18, 33) }
```

Border

The CSS property to change the border of an element to YUV 19.1120, 6.8468, -2.7292 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(16, 18, 33) }
```


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

```
.border{ border-color:rgb(16, 18, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 18, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 18, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 18, 33);  
box-shadow:4px 4px 4px 4px rgb(16, 18, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 19.1120, 6.8468, -2.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 18, 33) }
```

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

```
.background{ background-color: rgb(16, 18,  
33) }
```

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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