

Converting Colors

YUV(21.1320, -6.9671, -5.3778)

Have a look what the booklet for
YUV(21.1320, -6.9671, -5.3778)
contains.

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Color

**YUV(21.1320, -6.9671,
-5.3778)**

Conversions

Conversions Part 1

Format	Color
Hex	0F1B07
RGB	15, 27, 7
RGB Percent	6%, 11%, 3%
CMY	0.9412, 0.8941, 0.9725
CMYK	0.44, 0.00, 0.74, 0.89
HSL	96°, 59%, 7%
HSV	96°, 74%, 11%
XYZ	0.6273, 0.9008, 0.3418
YIQ	21.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

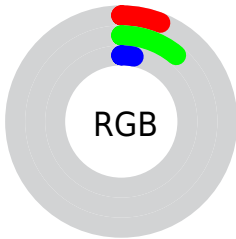
Format	Color
RYB	7, 27, 19
Decimal	989959
CIELab	8.14, -9.37, 9.14
CIElCh	8, 13.090, 135.724
Yxy	0.9008, 0.3355, 0.4817
Android (android.graphics.Color)	4279180039 (0xFF0F1B07)
YUV	21.1320, -6.9671, -5.3778
Hunter-Lab	9.4909, -4.8113, 4.5083

Details

The YUV color **21.1320, -6.9671, -5.3778** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **12.8680, 6.9671, 5.3778**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.0610, -5.9461, -6.1925**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.1920, -7.9827, -6.3074**, and if you desaturate by 10%, it is **22.0720, -5.9515, -4.4481**.

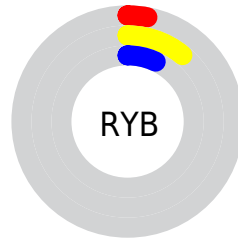
Distribution



Red (6%)

Green (11%)

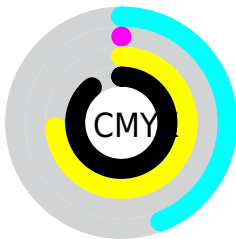
Blue (3%)



Red (3%)

Yellow (11%)

Blue (7%)

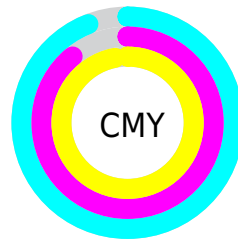


Cyan (44%)

Magenta (0%)

Yellow (74%)

Black (89%)



Cyan (94%)

Magenta (89%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.1320, -6.9671, -5.3778 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 21.1320, -6.9671, -5.3778 by changing the saturation by 10% instead.

■ 21.1320, -6.9671,
-5.3778

■ 21.1320, -6.9671,
-5.3778

■ 247.2950, -7.5404,
-8.1517

■ 0.0000, 0.0000,
0.0000

■ 64.0610, -5.9461,
-6.1925

■ 87.6480, -6.2355,
-6.7073

■ 111.6480, -6.2355,
-6.7073

■ 137.2350, -6.5249,
-7.2221

■ 163.7080, -7.2510,
-7.6369

■ 190.7080, -7.2510,

-7.6369

■ 218.5940, -7.6878,
-7.5369

■ 21.1320, -6.9671,
-5.3778

■ 21.1320, -6.9671,
-5.3778

■ 20.1920, -7.9827,
-6.3074

■ 22.0720, -5.9515,
-4.4481

■ 19.6650, -8.7088,
-6.7222

■ 22.5990, -5.2253,
-4.0333

■ 19.1380, -9.4350,
-7.1370

■ 23.5390, -4.2097,
-3.1037

■ 24.1800, -3.0467,
-2.7889

■ 25.1200, -2.0312,
-1.8592

■ 25.9460, -1.4524,
-0.8296

■ 26.5870, -0.2894,
-0.5148

■ 27.5270, 0.7262,
0.4148

■ 28.3530, 1.3050,
1.4444

Harmonies

Analogous

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



22.4490, -11.0674, 3.1142



21.1320, -6.9671, -5.3778



18.6020, 0.1962, -16.3140

Triad

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



21.1320, -6.9671, -5.3778



20.4200, 9.6529, -16.1543



24.1050, -2.5168, 13.9399

Complementary

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



21.1320, -6.9671, -5.3778



12.8680, 6.9671, 5.3778

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.



24.5330, 1.7092, 11.8106



21.1320, -6.9671, -5.3778



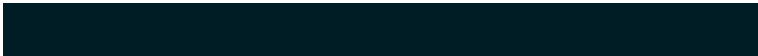
23.4430, 8.1626, -4.7735

Square

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



21.1320, -6.9671, -5.3778



20.5400, 7.6218, -18.0136



24.8140, 5.5147, 4.5481



23.6120, -8.1897, 13.4953

Rectangle

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



21.1320, -6.9671, -5.3778



19.8730, 2.5276, -17.4286



24.8140, 5.5147, 4.5481



24.4470, -1.2064, 13.6400

Sweetspot

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



21.1320, -6.9671, -5.3778



33.5930, -2.7573, -2.2741



20.0240, -6.4208, 6.1180



16.5330, -1.7418, -1.3444



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



21.1320, -6.9671, -5.3778



26.6710, -11.1768, -8.4815



18.9680, -4.9142, -10.4959



12.4730, -0.7262, -0.4148



54.4680, -26.8527, -20.5814



144.2660, -71.1231, -54.6073

Inverse Universe

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



12.8680, 6.9671, 5.3778



13.3290, 11.1768, 8.4815



15.0320, 4.9142, 10.4959



11.5270, 0.7262, 0.4148



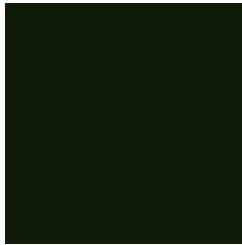
22.5320, 26.8527, 20.5814



59.7340, 71.1231, 54.6073

Previews

White Background



This preview shows how the YUV color 21.1320, -6.9671, -5.3778 looks on a white background.

Color Contrast Check

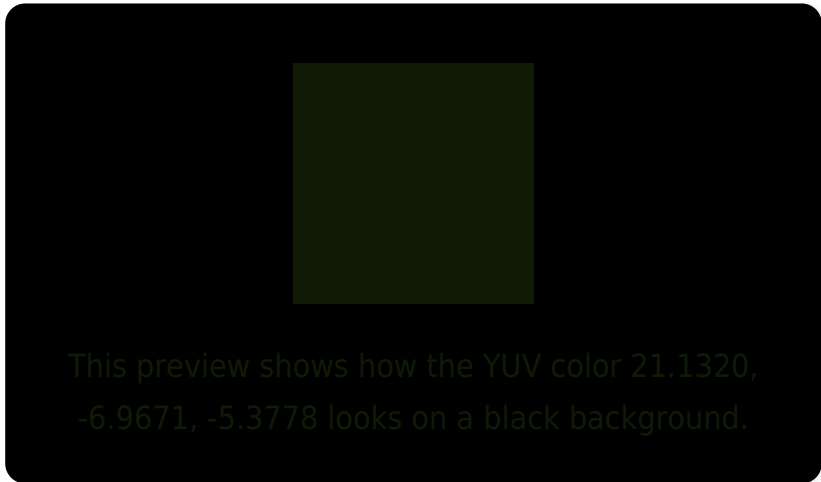
Large Text (above 18pt) WCAG AA ✓ Pass

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

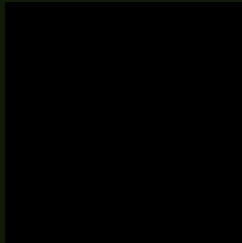
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.1320, -6.9671, -5.3778

Background



This preview shows how black text looks on a background with the YUV color 21.1320, -6.9671, -5.3778.



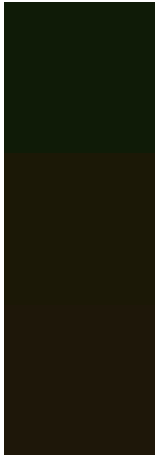
This preview shows how white text looks on a background with the YUV color 21.1320, -6.9671, -5.3778.

-5.3778.

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

21.1320, -6.9671, -5.3778

Protanopia

22.8450, -8.3046, 3.6439

Deuteranopia

23.4970, -7.1470, 5.7031



Tritanopia

23.1350, 1.9054, -4.5034

Trichromacy



Original Color

21.1320, -6.9671, -5.3778

Protanomaly

22.2360, -8.0043, 0.6700

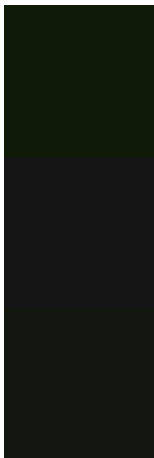
Deuteranomaly

22.4750, -7.1362, 2.2144

Tritanomaly

22.6250, -1.2941, -4.9331

Monochromacy



Original Color

21.1320, -6.9671, -5.3778

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.0060, -2.4680, -1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.1320, -6.9671, -5.3778 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(15, 27, 7)` looks like.

```
.text, #text, p{  
    color:rgb(15, 27, 7)  
}
```

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(15, 27, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 27, 7) }
```

Border

The CSS property to change the border of an element to YUV 21.1320, -6.9671, -5.3778 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(15, 27, 7) }
```


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

```
.border{ border-color:rgb(15, 27, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 27, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 27, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(15, 27, 7); box-shadow:4px  
4px 4px 4px rgb(15, 27, 7) }
```

Background

The CSS property to change the background color of an element to YUV 21.1320, -6.9671, -5.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 27, 7) }
```

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

```
.background{ background-color: rgb(15, 27,  
7) }
```

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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