

Converting Colors

YUV(21.2970, 6.2626, -2.0145)

Have a look what the booklet for
YUV(21.2970, 6.2626, -2.0145)
contains.

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Color

**YUV(21.2970, 6.2626,
-2.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	131422
RGB	19, 20, 34
RGB Percent	7%, 8%, 13%
CMY	0.9255, 0.9216, 0.8667
CMYK	0.44, 0.41, 0.00, 0.87
HSL	236°, 28%, 10%
HSV	236°, 44%, 13%
XYZ	0.8074, 0.7543, 1.6164
YIQ	21.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

Format	Color
R_{YB}	19, 20, 34
Decimal	1250338
CIE Lab	6.81, 3.71, -9.82
CIE LCh	7, 10.498, 290.691
Yxy	0.7543, 0.2541, 0.2373
Android (android.graphics.Color)	4279440418 (0xFF131422)
YUV	21.2970, 6.2626, -2.0145
Hunter-Lab	8.6848, 1.3973, -4.9557

Details

The YUV color **21.2970, 6.2626, -2.0145** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **31.7030, -6.2626, 2.0145**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.5250, 7.1362, -2.2144**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.6390, 7.5730, -2.3144**, and if you desaturate by 10%, it is **23.9550, 4.9522, -1.7145**.

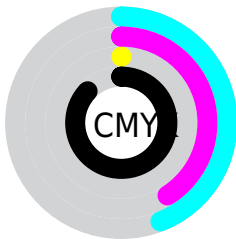
Distribution



- Red (7%)
- Green (8%)
- Blue (13%)



- Red (7%)
- Yellow (8%)
- Blue (13%)



- Cyan (44%)
- Magenta (41%)
- Yellow (0%)
- Black (87%)



- Cyan (93%)
- Magenta (92%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.2970, 6.2626, -2.0145 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 21.2970, 6.2626, -2.0145 by changing the saturation by 10% instead.

■ 21.2970, 6.2626,
-2.0145

■ 21.2970, 6.2626,
-2.0145

■ 245.2540, 4.8048,
-1.0998

■ 1.2540, 4.8048,
-1.0998

■ 63.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 86.9380, 7.4256,
-1.6996

■ 111.6390, 7.5730,
-2.3144

■ 137.0520, 7.8624,
-1.7996

■ 163.1660, 8.2992,
-1.8996

■ 190.2800, 8.7360,

-1.9996

■ 218.2800, 8.7360,
-1.9996

■ 21.2970, 6.2626,
-2.0145

■ 21.2970, 6.2626,
-2.0145

■ 18.6390, 7.5730,
-2.3144

■ 23.9550, 4.9522,
-1.7145

■ 15.6820, 9.0308,
-3.2291

■ 26.9120, 3.4944,
-0.7998

■ 12.4370, 10.6306,
-3.0142

■ 30.1570, 1.8946,
-1.0147

■ 9.4800, 12.0884,
-3.9290

■ 33.1140, 0.4368,
-0.1000

■ 6.8220, 13.3988,
-4.2289

■ 35.7720, -0.8736,
0.2000

■ 5.0500, 14.2723,
-4.4289

■ 38.4300, -2.1840,
0.4999

■ 41.3870, -3.6418,
1.4146

■ 44.0450, -4.9522,
1.7145

■ 47.5890, -6.6994,
2.1144

Harmonies

Analogous

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



19.2850, 7.7475, -11.6509



21.2970, 6.2626, -2.0145



21.7710, 4.0569, 5.4628

Triad

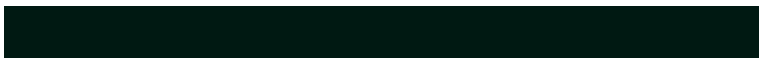
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.2970, 6.2626, -2.0145



20.7150, -7.7475, 11.6509



16.7270, 0.6276, -14.6696

Complementary

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



21.2970, 6.2626, -2.0145



31.7030, -6.2626, 2.0145

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.



18.2890, -5.0725, -6.3925



21.2970, 6.2626, -2.0145



20.4110, -10.0626, 7.5326

Square

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



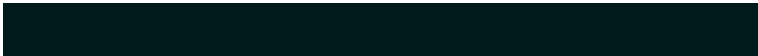
21.2970, 6.2626, -2.0145



21.5670, -3.2375, 11.7807



19.6060, -9.1728, 2.0995



17.6390, 4.1220, -15.4694

Rectangle

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



21.2970, 6.2626, -2.0145



21.9240, 2.0095, 8.8367



19.6060, -9.1728, 2.0995



17.2820, -1.1250, -12.5253

Sweetspot

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



21.2970, 6.2626, -2.0145



38.5700, 2.1840, -0.4999



29.4010, 1.7743, -9.1217



20.0430, 1.4578, -0.9147



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.



21.2970, 6.2626, -2.0145



23.7960, 9.4676, -3.3291



22.8030, 5.5201, 2.8038



16.2280, 0.8736, -0.2000



12.2830, 34.3705, -10.7722



32.0440, 87.2393, -28.1026

Inverse Universe

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



23.5990, -1.7743, 9.1217



27.1050, -2.5168, 13.9399



30.4960, -5.6675, -2.1890



16.5980, -0.2948, 1.2296



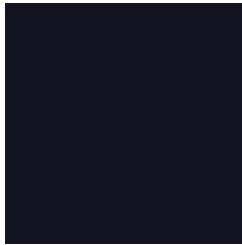
25.0880, -9.9034, 49.9118



64.0870, -24.6929, 127.0887

Previews

White Background



This preview shows how the YUV color 21.2970, 6.2626, -2.0145 looks on a white background.

Color Contrast Check

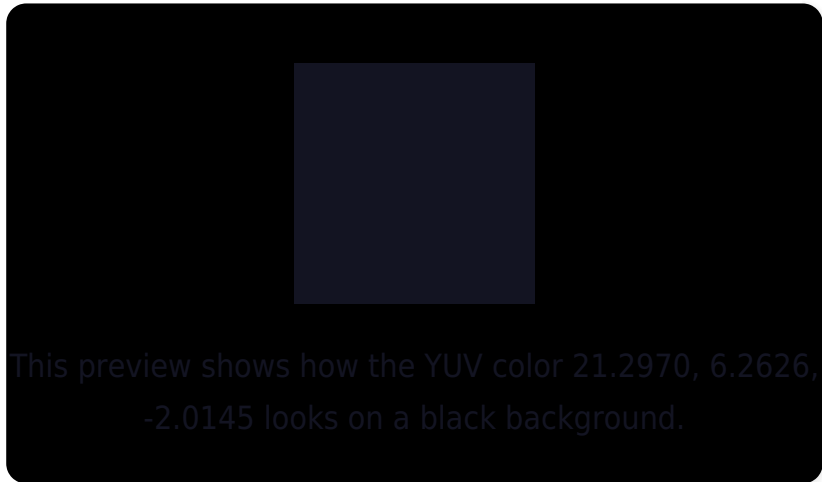
Large Text (above 18pt) WCAG AA ✓ Pass

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

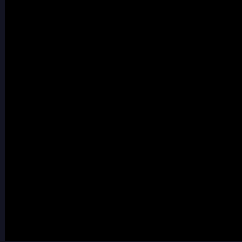
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

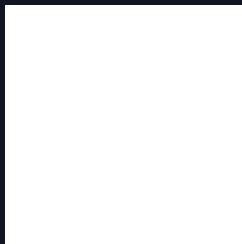
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 21.2970, 6.2626, -2.0145

Background



This preview shows how black text looks on a background with the YUV color 21.2970, 6.2626, -2.0145.



This preview shows how white text looks on a background with the YUV color 21.2970, 6.2626, -2.0145.

-2.0145.

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

21.2970, 6.2626, -2.0145

Protanopia

21.1010, 6.8522, -4.4736

Deuteranopia

20.3890, 6.7102, -5.6032



Tritanopia

20.4340, 1.7580, -3.8886

Trichromacy



Original Color

21.2970, 6.2626, -2.0145

Protanomaly

21.4000, 6.7048, -3.8588

Deuteranomaly

20.9870, 6.4154, -4.3736

Tritanomaly

20.6020, 3.6472, -3.1590

Monochromacy



Original Color

21.2970, 6.2626, -2.0145

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.2710, 2.3314, -1.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.2970, 6.2626, -2.0145 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(19, 20, 34)` looks like.

```
.text, #text, p{  
    color:rgb(19, 20, 34)  
}
```

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(19, 20, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 20, 34) }
```

Border

The CSS property to change the border of an element to YUV 21.2970, 6.2626, -2.0145 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(19, 20, 34) }
```


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

```
.border{ border-color:rgb(19, 20, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 20, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 20, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 20, 34);  
box-shadow:4px 4px 4px 4px rgb(19, 20, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.2970, 6.2626, -2.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 20, 34) }
```

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

```
.background{ background-color: rgb(19, 20,  
34) }
```

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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