

Converting Colors

YUV(20.2970, 6.2626, -2.0145)

Have a look what the booklet for
YUV(20.2970, 6.2626, -2.0145)
contains.

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Color

**YUV(20.2970, 6.2626,
-2.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	121321
RGB	18, 19, 33
RGB Percent	7%, 7%, 13%
CMY	0.9294, 0.9255, 0.8706
CMYK	0.45, 0.42, 0.00, 0.87
HSL	236°, 29%, 10%
HSV	236°, 45%, 13%
XYZ	0.7568, 0.7041, 1.5349
YIQ	20.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

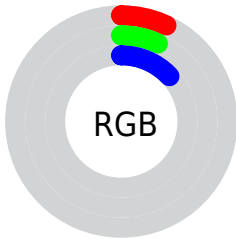
Format	Color
R_YB	18, 19, 33
Decimal	1184545
CIE Lab	6.36, 3.59, -9.76
CIE LCh	6, 10.399, 290.179
Yxy	0.7041, 0.2526, 0.2350
Android (android.graphics.Color)	4279374625 (0xFF121321)
YUV	20.2970, 6.2626, -2.0145
Hunter-Lab	8.3914, 1.4145, -4.9708

Details

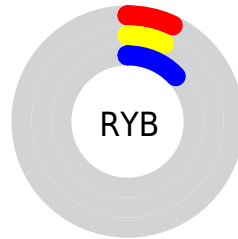
The YUV color **20.2970, 6.2626, -2.0145** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **30.7030, -6.2626, 2.0145**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.5250, 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 **17.6390, 7.5730, -2.3144**, and if you desaturate by 10%, it is **22.9550, 4.9522, -1.7145**.

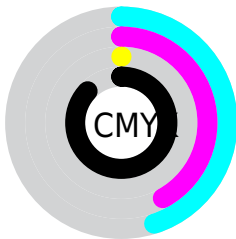
Distribution



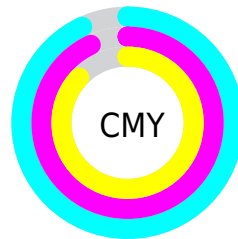
- Red (7%)
- Green (7%)
- Blue (13%)



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



- Cyan (45%)
- Magenta (42%)
- Yellow (0%)
- Black (87%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 20.2970, 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 20.2970, 6.2626, -2.0145 by changing the saturation by 10% instead.

■ 20.2970, 6.2626,
-2.0145

■ 20.2970, 6.2626,
-2.0145

■ 244.3680, 5.2416,
-1.1997

■ 0.9120, 3.4944,
-0.7998

■ 62.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 85.9380, 7.4256,
-1.6996

■ 110.6390, 7.5730,
-2.3144

■ 135.7530, 8.0098,
-2.4144

■ 161.8670, 8.4466,
-2.5144

■ 188.8670, 8.4466,

-2.5144

■ 216.8670, 8.4466,
-2.5144

■ 20.2970, 6.2626,
-2.0145

■ 20.2970, 6.2626,
-2.0145

■ 17.6390, 7.5730,
-2.3144

■ 22.9550, 4.9522,
-1.7145

■ 14.6820, 9.0308,
-3.2291

■ 25.9120, 3.4944,
-0.7998

■ 12.0240, 10.3412,
-3.5290

■ 28.5700, 2.1840,
-0.4999

■ 9.3660, 11.6516,
-3.8290

■ 31.2280, 0.8736,
-0.2000

■ 6.4090, 13.1094,
-4.7437

■ 34.1850, -0.5842,
0.7148

■ 4.9360, 13.8356,
-4.3289

■ 36.8430, -1.8946,
1.0147

■ 40.0880, -3.4944,
0.7998

■ 42.7460, -4.8048,
1.0998

■ 45.7030, -6.2626,
2.0145

Harmonies

Analogous

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



18.2850, 7.7475, -11.6509



20.2970, 6.2626, -2.0145



20.7710, 4.0569, 5.4628

Triad

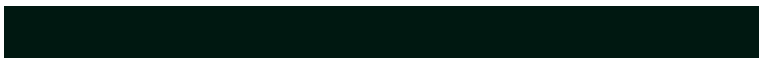
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.2970, 6.2626, -2.0145



19.7150, -7.7475, 11.6509



16.0260, 0.4802, -14.0548

Complementary

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



20.2970, 6.2626, -2.0145



30.7030, -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.



17.2890, -5.0725, -6.3925



20.2970, 6.2626, -2.0145



19.8240, -9.7732, 8.0474

Square

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



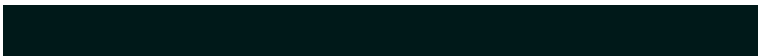
20.2970, 6.2626, -2.0145



20.5670, -3.2375, 11.7807



18.6060, -9.1728, 2.0995



17.5250, 3.6852, -15.3694

Rectangle

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



20.2970, 6.2626, -2.0145



20.9240, 2.0095, 8.8367



18.6060, -9.1728, 2.0995



16.2820, -1.1250, -12.5253

Sweetspot

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



20.2970, 6.2626, -2.0145



38.2710, 2.3314, -1.1147



28.4010, 1.7743, -9.1217



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.



20.2970, 6.2626, -2.0145



23.2090, 9.7570, -2.8143



21.8030, 5.5201, 2.8038



14.1140, 0.4368, -0.1000



11.9410, 33.0601, -10.4723



31.8160, 86.3657, -27.9026

Inverse Universe

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



22.5990, -1.7743, 9.1217



26.9910, -2.9536, 14.0399



29.4960, -5.6675, -2.1890



14.2990, -0.1474, 0.6148



24.1910, -9.4612, 48.0675



63.4890, -24.3981, 125.8591

Previews

White Background



This preview shows how the YUV color 20.2970, 6.2626, -2.0145 looks on a white background.

Color Contrast Check

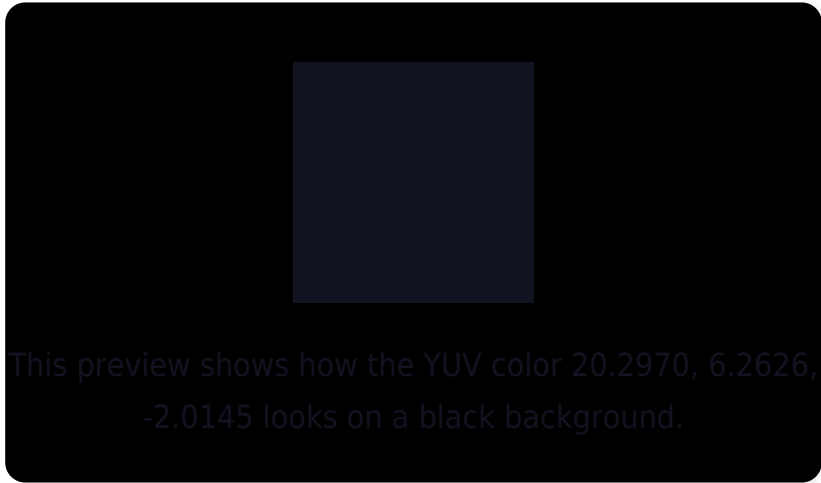
Large Text (above 18pt) WCAG AA ✓ Pass

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

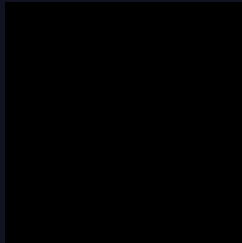
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

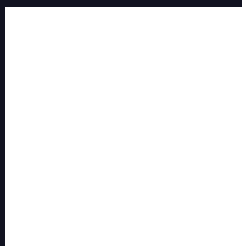
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 20.2970, 6.2626, -2.0145

Background



This preview shows how black text looks on a background with the YUV color 20.2970, 6.2626, -2.0145.



This preview shows how white text looks on a background with the YUV color 20.2970, 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

20.2970, 6.2626, -2.0145

Protanopia

19.8020, 6.9996, -5.0884

Deuteranopia

19.3890, 6.7102, -5.6032



Tritanopia

19.4340, 1.7580, -3.8886

Trichromacy



Original Color

20.2970, 6.2626, -2.0145

Protanomaly

20.1010, 6.8522, -4.4736

Deuteranomaly

19.9870, 6.4154, -4.3736

Tritanomaly

19.6020, 3.6472, -3.1590

Monochromacy



Original Color

20.2970, 6.2626, -2.0145

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.2710, 2.3314, -1.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.2970, 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(18, 19, 33)` looks like.

```
.text, #text, p{  
  color:rgb(18, 19, 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(18, 19, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 19, 33) }
```

Border

The CSS property to change the border of an element to YUV 20.2970, 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(18, 19, 33) }
```


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

```
.border{ border-color:rgb(18, 19, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 19, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 19, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 19, 33);  
box-shadow:4px 4px 4px 4px rgb(18, 19, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.2970, 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(18, 19, 33) }
```

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

```
.background{ background-color: rgb(18, 19,  
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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