

Converting Colors

YUV(65.7970, 1.0861, -21.7470)

Have a look what the booklet for
YUV(65.7970, 1.0861, -21.7470)
contains.

YUV(65.7970, 1.0861, -21.7470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(65.7970, 1.0861,
-21.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	294E44
RGB	41, 78, 68
RGB Percent	16%, 31%, 27%
CMY	0.8392, 0.6941, 0.7333
CMYK	0.47, 0.00, 0.13, 0.69
HSL	164°, 31%, 23%
HSV	164°, 47%, 31%
XYZ	4.6822, 6.3376, 6.4453
YIQ	65.7970, -18.8420, -10.9540

Conversions

Conversions Part 2

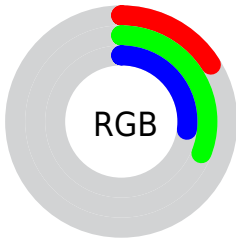
Format	Color
R_{YB}	41, 62, 78
Decimal	2707012
CIE _{Lab}	30.25, -16.06, 1.79
CIE _{LCh}	30, 16.156, 173.627
Yxy	6.3376, 0.2681, 0.3629
Android (android.graphics.Color)	4280897092 (0xFF294E44)
YUV	65.7970, 1.0861, -21.7470
Hunter-Lab	25.1745, -10.8560, 2.4423

Details

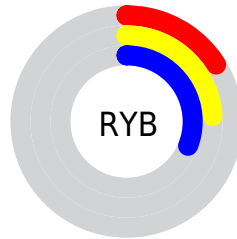
The YUV color **65.7970, 1.0861, -21.7470** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53.2030, -1.0861, 21.7470**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3840, 0.7967, -22.2618**, and **22.2210, 1.3700, -19.4878** is the 20% darker color. If you saturate the color by 10%, you get **63.1770, 1.3917, -26.4652**, and if you desaturate by 10%, it is **68.4170, 0.7804, -17.0287**.

Distribution



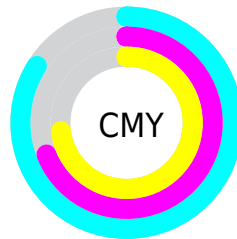
- Red (16%)
- Green (31%)
- Blue (27%)



- Red (16%)
- Yellow (24%)
- Blue (31%)



- Cyan (47%)
- Magenta (0%)
- Yellow (13%)
- Black (69%)



- Cyan (84%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.7970, 1.0861, -21.7470 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 65.7970, 1.0861, -21.7470 by changing the saturation by 10% instead.

65.7970, 1.0861,
-21.7470

65.7970, 1.0861,
-21.7470

255.0000, 0.0000,
0.0000

42.6120, 1.6703,
-22.4617

114.3840, 0.7967,
-22.2618

22.2210, 1.3700,
-19.4878

140.0850, 0.9441,
-22.8765

1.1740, -0.5788,
-1.0296

166.6720, 0.6547,
-23.3913

0.0000, 0.0000,
0.0000

194.2590, 0.3653,
-23.9061

221.9600, 0.5127,
-24.5209

244.7910, 3.5540,

-19.9877

253.8040, 0.5896,
-2.4591

65.7970, 1.0861,
-21.7470

65.7970, 1.0861,
-21.7470

63.1770, 1.3917,
-26.4652

68.4170, 0.7804,
-17.0287

60.5570, 1.6974,
-31.1835

71.0370, 0.4748,
-12.3104

58.2360, 1.8557,
-35.2870

73.3580, 0.3165,
-8.2070

55.6160, 2.1613,
-40.0052

75.9780, 0.0108,
-3.4887

52.8820, 2.0302,
-44.6235

78.7120, 0.1420,
1.1296

■ 52.2840, 2.3250,
-45.8531

■ 81.3320, -0.1637,
5.8478

■ 83.9520, -0.4693,
10.5661

■ 86.2730, -0.6276,
14.6696

■ 88.8930, -0.9332,
19.3878

Harmonies

Analogous

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



67.4410, -5.6404, -10.9108



65.7970, 1.0861, -21.7470



64.2890, 8.2385, -29.1945

Triad

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



65.7970, 1.0861, -21.7470



71.8500, 10.9200, -2.4994



71.4770, -10.0952, 17.9987

Complementary

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



65.7970, 1.0861, -21.7470



53.2030, -1.0861, 21.7470

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.



72.1660, -5.0118, 20.9024



65.7970, 1.0861, -21.7470



73.3740, 6.2246, 10.1960

Square

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



65.7970, 1.0861, -21.7470



69.0440, 13.2893, -15.8246



72.9360, 0.5246, 18.4731



71.1510, -12.3994, 10.3916

Rectangle

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



65.7970, 1.0861, -21.7470



64.7990, 11.4381, -28.7647



72.9360, 0.5246, 18.4731



71.8300, -8.7902, 19.4431

Sweetspot

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



65.7970, 1.0861, -21.7470



97.3580, 0.3165, -8.2070



65.7090, -12.1815, -12.8998



48.0810, 0.4531, -5.3330



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



65.7970, 1.0861, -21.7470



82.8340, 1.5608, -34.0574



62.2410, 7.7692, -18.6284



36.6900, 0.1528, -2.3591



68.3100, 2.8052, -59.9079



154.0480, 6.3853, -135.1001

Inverse Universe

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



53.2030, -1.0861, 21.7470



63.1660, -1.5608, 34.0574



56.7590, -7.7692, 18.6284



35.3100, -0.1528, 2.3591



33.6900, -2.8052, 59.9079



75.8380, -6.8221, 135.2001

Previews

White Background



This preview shows how the YUV color 65.7970, 1.0861, -21.7470 looks on a white background.

Color Contrast Check

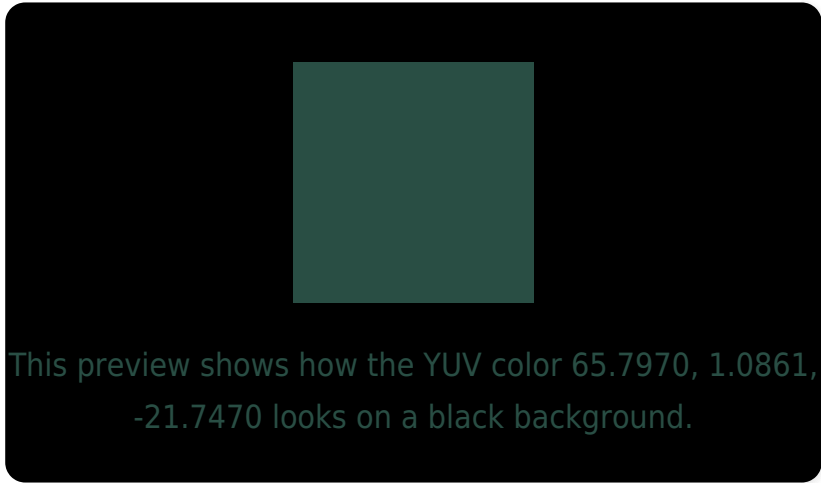
Large Text (above 18pt) WCAG AA ✓ Pass

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

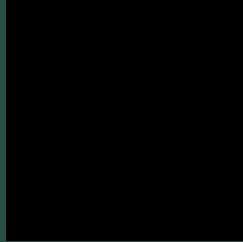
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.7970, 1.0861, -21.7470

Background



This preview shows how black text looks on a background with the YUV color 65.7970, 1.0861, -21.7470.



This preview shows how white text looks on a background with the YUV color 65.7970, 1.0861, -21.7470.

-21.7470.

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

65.7970, 1.0861, -21.7470

Protanopia

71.0990, -3.4998, 2.5442

Deuteranopia

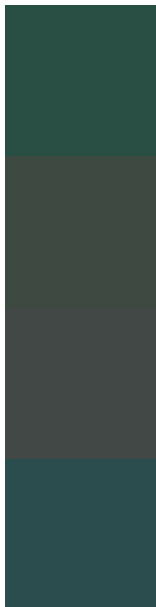
71.8050, -0.8899, 5.4330



Tritanopia

67.4150, 7.1904, -19.6580

Trichromacy



Original Color

65.7970, 1.0861, -21.7470

Protanomaly

69.3860, -2.1623, -6.4775

Deuteranomaly

69.5650, -0.2785, -4.0035

Tritanomaly

67.1330, 4.8644, -20.2876

Monochromacy



Original Color

65.7970, 1.0861, -21.7470

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7710, 0.6059, -7.6922

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7970, 1.0861, -21.7470 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(41, 78, 68)` looks like.

```
.text, #text, p{  
    color:rgb(41, 78, 68)  
}
```

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(41, 78, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 78, 68) }
```

Border

The CSS property to change the border of an element to YUV 65.7970, 1.0861, -21.7470 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(41, 78, 68) }
```


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

```
.border{ border-color:rgb(41, 78, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 78, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 78, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 78, 68);  
box-shadow:4px 4px 4px 4px rgb(41, 78, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.7970, 1.0861, -21.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 78, 68) }
```

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

```
.background{ background-color: rgb(41, 78,  
68) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor