

Converting Colors

YUV(67.8940, 3.9963, -21.8320)

Have a look what the booklet for
YUV(67.8940, 3.9963, -21.8320)
contains.

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Color

**YUV(67.8940, 3.9963,
-21.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	2B4F4C
RGB	43, 79, 76
RGB Percent	17%, 31%, 30%
CMY	0.8314, 0.6902, 0.7020
CMYK	0.46, 0.00, 0.04, 0.69
HSL	175°, 30%, 24%
HSV	175°, 46%, 31%
XYZ	5.0967, 6.6274, 7.8481
YIQ	67.8940, -20.4930, -8.5650

Conversions

Conversions Part 2

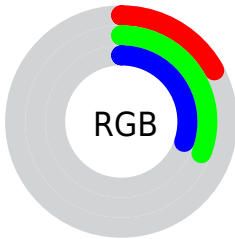
Format	Color
R_{YB}	43, 62, 79
Decimal	2838348
CIE _{Lab}	30.94, -13.79, -2.30
CIE _{LCh}	31, 13.983, 189.455
Yxy	6.6274, 0.2604, 0.3386
Android (android.graphics.Color)	4281028428 (0xFF2B4F4C)
YUV	67.8940, 3.9963, -21.8320
Hunter-Lab	25.7437, -9.7118, -0.0542

Details


The YUV color **67.8940, 3.9963, -21.8320** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **54.1060, -3.9963, 21.8320**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5950, 4.1437, -22.4468**, and **23.6060, 4.1382, -20.7025** is the 20% darker color. If you saturate the color by 10%, you get **65.3880, 4.7387, -26.6503**, and if you desaturate by 10%, it is **70.4000, 3.2538, -17.0138**.

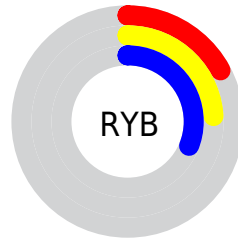
Distribution



 Red (17%)

 Green (31%)

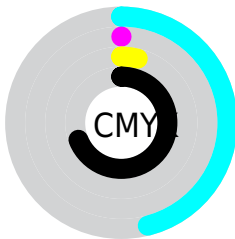
 Blue (30%)




 Red (17%)

 Yellow (24%)

 Blue (31%)

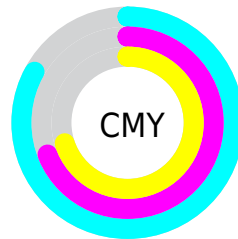


 Cyan (46%)


 Magenta (0%)

 Yellow (4%)

 Black (69%)



 Cyan (83%)

 Magenta (69%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8940, 3.9963, -21.8320 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 67.8940, 3.9963, -21.8320 by changing the saturation by 10% instead.

67.8940, 3.9963,
-21.8320

67.8940, 3.9963,
-21.8320

255.0000, 0.0000,
0.0000

44.5950, 4.1437,
-22.4468

116.5950, 4.1437,
-22.4468

23.6060, 4.1382,
-20.7025

142.2960, 4.2911,
-23.0616

5.1350, 1.9054,
-4.5034

168.8830, 4.0017,
-23.5764

0.0000, 0.0000,
0.0000

196.5840, 4.1491,
-24.1912

224.5840, 4.1491,
-24.1912

246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 67.8940, 3.9963,
-21.8320

■ 67.8940, 3.9963,
-21.8320

■ 65.3880, 4.7387,
-26.6503

■ 70.4000, 3.2538,
-17.0138

■ 62.9960, 5.9180,
-31.5685

■ 72.7920, 2.0745,
-12.0956

■ 60.4900, 6.6604,
-36.3867

■ 75.2980, 1.3321,
-7.2773

■ 57.9840, 7.4029,
-41.2050

■ 77.8040, 0.5896,
-2.4591

■ 55.8910, 8.4347,
-45.5084

■ 80.1960, -0.5896,
2.4591

■ 54.5810, 8.5876,
-47.8675

■ 82.4030, -1.1847,
6.6626

■ 84.9090, -1.9271,
11.4808

■ 87.3010, -3.1064,
16.3990

■ 89.8070, -3.8489,
21.2173

Harmonies

Analogous

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



69.0430, -1.9932, -14.0697



67.8940, 3.9963, -21.8320



67.8490, 8.9484, -23.5466

Triad

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



67.8940, 3.9963, -21.8320



74.3840, 7.6987, 4.0482



73.1450, -9.9315, 12.1508

Complementary

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



67.8940, 3.9963, -21.8320



54.1060, -3.9963, 21.8320

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.



73.5740, -7.1850, 17.9136



67.8940, 3.9963, -21.8320



74.8860, 3.0142, 13.2550

Square

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



67.8940, 3.9963, -21.8320



72.7030, 10.4994, -7.6325



74.5400, -2.2382, 17.9434



71.6880, -10.1992, 4.6586

Rectangle

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



67.8940, 3.9963, -21.8320



69.3270, 10.6848, -20.4578



74.5400, -2.2382, 17.9434



72.9820, -9.3581, 14.9248

Sweetspot

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



67.8940, 3.9963, -21.8320



97.7000, 1.6269, -8.5069



65.0290, -10.8603, -16.6884



48.1950, 0.8899, -5.4330



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.



67.8940, 3.9963, -21.8320



84.6860, 6.0708, -33.9276



59.4310, 9.6475, -14.4100



36.8040, 0.5896, -2.4591



70.5900, 11.5411, -61.9074



158.9500, 25.1677, -139.3991

Inverse Universe

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



54.1060, -3.9963, 21.8320



63.3140, -6.0708, 33.9276



62.5690, -9.6475, 14.4100



35.3100, -0.1528, 2.3591



31.4100, -11.5411, 61.9074



70.9360, -25.6044, 139.4991

Previews

White Background



This preview shows how the YUV color 67.8940, 3.9963, -21.8320 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



This preview shows how the YUV color 67.8940, 3.9963, -21.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

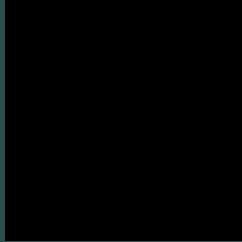
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

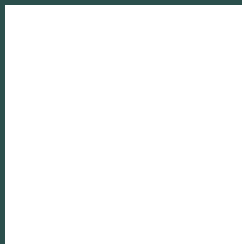
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.8940, 3.9963, -21.8320

Background



This preview shows how black text looks on a background with the YUV color 67.8940, 3.9963, -21.8320.



This preview shows how white text looks on a background with the YUV color 67.8940, 3.9963, -21.8320.

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

67.8940, 3.9963, -21.8320

Protanopia

72.5980, -0.2948, 1.2296

Deuteranopia

73.5920, 2.1731, 2.9888



Tritanopia

68.8170, 7.4852, -20.8875

Trichromacy



Original Color

67.8940, 3.9963, -21.8320

Protanomaly

71.1840, 0.8953, -7.1774

Deuteranomaly

71.6510, 2.6371, -5.8329

Tritanomaly

68.1760, 6.3222, -21.2024

Monochromacy



Original Color

67.8940, 3.9963, -21.8320

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8940, 3.9963, -21.8320 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(43, 79, 76)` looks like.

```
.text, #text, p{  
    color:rgb(43, 79, 76)  
}
```

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(43, 79, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 79, 76) }
```

Border

The CSS property to change the border of an element to YUV 67.8940, 3.9963, -21.8320 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(43, 79, 76) }
```


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

```
.border{ border-color:rgb(43, 79, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 79, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 79, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 79, 76);  
box-shadow:4px 4px 4px 4px rgb(43, 79, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.8940, 3.9963, -21.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 79, 76) }
```

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

```
.background{ background-color: rgb(43, 79,  
76) }
```

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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