

Converting Colors

YUV(67.8940, 24.2093,
-18.3240)

Have a look what the booklet for
YUV(67.8940, 24.2093, -18.3240)
contains.

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Color

**YUV(67.8940, 24.2093,
-18.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4575
RGB	47, 69, 117
RGB Percent	18%, 27%, 46%
CMY	0.8157, 0.7294, 0.5412
CMYK	0.60, 0.41, 0.00, 0.54
HSL	221°, 43%, 32%
HSV	221°, 60%, 46%
XYZ	6.5113, 6.1449, 17.6725
YIQ	67.8940, -28.5200, 10.2640

Conversions

Conversions Part 2

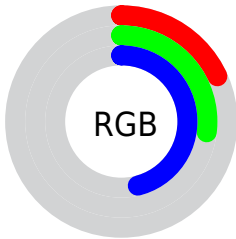
Format	Color
R_YB	47, 64, 117
Decimal	3097973
CIE Lab	29.78, 7.28, -30.17
CIE LCh	30, 31.039, 283.566
Yxy	6.1449, 0.2147, 0.2026
Android (android.graphics.Color)	4281288053 (0xFF2F4575)
YUV	67.8940, 24.2093, -18.3240
Hunter-Lab	24.7890, 3.5057, -24.9167

Details

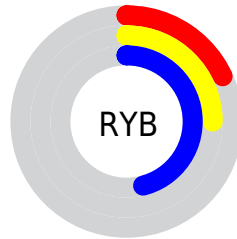
The YUV color **67.8940, 24.2093, -18.3240** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **96.1060, -24.2093, 18.3240**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5460, 25.3668, -16.2648**, and **23.6010, 21.8887, -20.6981** is the 20% darker color. If you saturate the color by 10%, you get **59.6100, 28.2933, -21.5830**, and if you desaturate by 10%, it is **76.1780, 20.1252, -15.0651**.

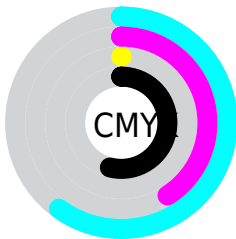
Distribution



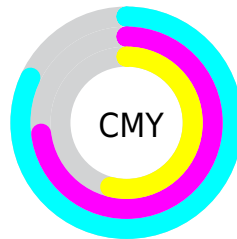
- Red (18%)
- Green (27%)
- Blue (46%)



- Red (18%)
- Yellow (25%)
- Blue (46%)



- Cyan (60%)
- Magenta (41%)
- Yellow (0%)
- Black (54%)



- Cyan (82%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8940, 24.2093, -18.3240 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, 24.2093, -18.3240 by changing the saturation by 10% instead.

■ 67.8940, 24.2093,
-18.3240

■ 67.8940, 24.2093,
-18.3240

■ 255.0000, 0.0000,
0.0000

■ 43.4590, 23.9307,
-22.3275

■ 117.5460, 25.3668,
-16.2648

■ 23.6010, 21.8887,
-20.6981

■ 143.1870, 26.5298,
-15.9500

■ 5.2440, 20.0927,
-4.5990

■ 170.3010, 26.9666,
-16.0500

■ 3.3230, 10.1938,
-2.9143

■ 197.8280, 27.6928,
-15.6352

■ 0.0000, 0.0000,
0.0000

■ 222.7500, 15.8993,
-12.9358

■ 247.8570, 3.5215,

-9.5216

■ 67.8940, 24.2093,
-18.3240

■ 67.8940, 24.2093,
-18.3240

■ 59.6100, 28.2933,
-21.5830

■ 76.1780, 20.1252,
-15.0651

■ 51.6250, 32.2299,
-24.2271

■ 84.1630, 16.1886,
-12.4210

■ 43.3410, 36.3139,
-27.4861

■ 92.4470, 12.1046,
-9.1620

■ 35.0570, 40.3979,
-30.7450

■ 100.7310, 8.0206,
-5.9031

■ 109.0150, 3.9366,
-2.6442

■ 117.0000, 0.0000,
0.0000

■ 125.2840, -4.0840,
3.2589

■ 133.5680, -8.1680,
6.5179

■ 141.5530,
-12.1046, 9.1620

Harmonies

Analogous

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



57.8360, 28.6749, -50.7222



67.8940, 24.2093, -18.3240



72.3170, 16.1127, 12.0000

Triad

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



67.8940, 24.2093, -18.3240



69.2080, -15.3855, 34.8976



53.9310, 1.0200, -47.2975

Complementary

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



67.8940, 24.2093, -18.3240



96.1060, -24.2093, 18.3240

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.



63.4160, -14.5021, -15.2738



67.8940, 24.2093, -18.3240



68.1820, -22.7677, 22.6424

Square

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



67.8940, 24.2093, -18.3240



69.9880, -4.9241, 39.4755



66.3710, -22.8609, 5.8136



57.3680, 11.6506, -50.3117

Rectangle

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



67.8940, 24.2093, -18.3240



72.0970, 9.8122, 26.2249



66.3710, -22.8609, 5.8136



58.4120, -5.1331, -33.6873

Sweetspot

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



67.8940, 24.2093, -18.3240



133.4750, 9.6258, -7.4326



93.5620, 0.7089, -40.8349



64.8730, 5.9786, -4.2736



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



67.8940, 24.2093, -18.3240



75.4980, 38.2085, -28.5007



58.8670, 28.6596, 0.9936



54.8580, 2.0420, -1.6295



36.2140, 42.2925, -31.7597



74.8730, 86.3376, -65.6636

Inverse Universe

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



70.4380, -0.7089, 40.8349



79.7660, -1.3636, 64.2262



105.1330, -28.6596, -0.9936



55.0220, -0.0108, 3.4887



40.8100, -1.3853, 71.2036



83.7560, -2.3447, 145.7960

Previews

White Background



This preview shows how the YUV color 67.8940, 24.2093, -18.3240 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, 24.2093, -18.3240 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, 24.2093, -18.3240

Background



This preview shows how black text looks on a background with the YUV color 67.8940, 24.2093, -18.3240.



This preview shows how white text looks on a background with the YUV color 67.8940, 24.2093,

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, 24.2093, -18.3240

Protanopia

68.0900, 23.6196, -15.8649

Deuteranopia

66.6760, 24.8097, -24.2719



Tritanopia

63.6420, 9.5435, -27.7500

Trichromacy



Original Color

67.8940, 24.2093, -18.3240

Protanomaly

67.7910, 23.7670, -16.4797

Deuteranomaly

66.9860, 24.6569, -21.9127

Tritanomaly

64.7440, 14.9162, -24.3315

Monochromacy



Original Color

67.8940, 24.2093, -18.3240

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.6600, 9.0416, -6.7178

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8940, 24.2093, -18.3240 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(47, 69, 117)` looks like.

```
.text, #text, p{  
    color:rgb(47, 69, 117)  
}
```

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(47, 69, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 69, 117) }
```

Border

The CSS property to change the border of an element to YUV 67.8940, 24.2093, -18.3240 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(47, 69, 117) }
```


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

```
.border{ border-color:rgb(47, 69, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 69, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 69, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 69, 117);  
box-shadow:4px 4px 4px 4px rgb(47, 69,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 67.8940, 24.2093, -18.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 69, 117) }
```

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

```
.background{ background-color: rgb(47, 69,  
117) }
```

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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