

Converting Colors

YUV(103.4940, 74.6925,
-17.0962)

Have a look what the booklet for
YUV(103.4940, 74.6925, -17.0962)
contains.

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Color

**YUV(103.4940, 74.6925,
-17.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	5454FF
RGB	84, 84, 255
RGB Percent	33%, 33%, 100%
CMY	0.6706, 0.6706, 0.0000
CMYK	0.67, 0.67, 0.00, 0.00
HSL	240°, 100%, 66%
HSV	240°, 67%, 100%
XYZ	24.8765, 15.4455, 96.2779
YIQ	103.4940, -54.8910, 53.1810

Conversions

Conversions Part 2

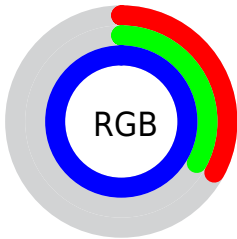
Format	Color
R_{YB}	84, 84, 255
Decimal	5526783
CIE _{Lab}	46.24, 51.56, -84.66
CIE _{LCh}	46, 99.122, 301.345
Yxy	15.4455, 0.1821, 0.1131
Android (android.graphics.Color)	4283716863 (0xFF5454FF)
YUV	103.4940, 74.6925, -17.0962
Hunter-Lab	39.3007, 44.2103, -117.7366

Details

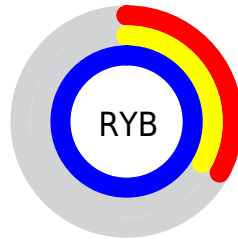
The YUV color **103.4940, 74.6925, -17.0962** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **235.5060, -74.6925, 17.0962**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7630, 49.9098, -1.5462**, and **44.1770, 75.3417, -38.7432** is the 20% darker color. If you saturate the color by 10%, you get **80.4580, 86.0492, -19.6957**, and if you desaturate by 10%, it is **125.6440, 63.7725, -14.5968**.

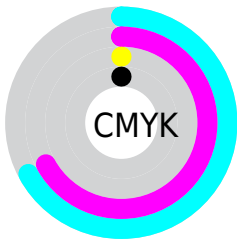
Distribution



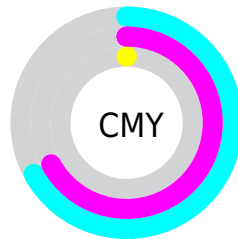
- Red (33%)
- Green (33%)
- Blue (100%)



- Red (33%)
- Yellow (33%)
- Blue (100%)



- Cyan (67%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4940, 74.6925, -17.0962 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 103.4940, 74.6925, -17.0962 by changing the saturation by 10% instead.

■ 103.4940, 74.6925,
-17.0962

■ 103.4940, 74.6925,
-17.0962

255.0000, 0.0000,
0.0000

■ 72.3460, 75.7514,
-30.1214

■ 153.7630, 49.9098,
-1.5462

■ 44.1770, 75.3417,
-38.7432

■ 178.5930, 37.6687,
4.7419

■ 28.0710, 69.4780,
-24.6183

■ 204.2980, 24.9961,
9.3857

■ 16.0740, 61.5885,
-14.0969

■ 230.3020, 12.1761,
14.6441

■ 13.1100, 50.2318,
-11.4975

■ 249.1300, 2.8939,
5.1480

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 103.4940, 74.6925,
-17.0962

■ 103.4940, 74.6925,
-17.0962

■ 80.4580, 86.0492,
-19.6957

■ 125.6440, 63.7725,
-14.5968

■ 58.3080, 96.9692,
-22.1951

■ 148.6800, 52.4158,
-11.9974

■ 36.1580, 107.8891,
-24.6946

■ 171.7160, 41.0590,
-9.3979

■ 29.0700, 111.3835,
-25.4944

■ 193.8660, 30.1391,
-6.8985

■ 216.0160, 19.2191,
-4.3990

■ 239.0520, 7.8624,
-1.7996

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



100.6840, 76.0778, -88.2999



103.4940, 74.6925, -17.0962



83.3680, 53.0626, 107.5483

Triad

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



103.4940, 74.6925, -17.0962



97.9220, -48.2755, 84.2604



94.8340, 7.9698, -83.1694

Complementary

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



103.4940, 74.6925, -17.0962



235.5060, -74.6925, 17.0962

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.



80.5160, -36.7364, -70.6125



103.4940, 74.6925, -17.0962



102.5650, -50.5645, 24.9375

Square

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



103.4940, 74.6925, -17.0962



73.5710, -21.9735, 141.5732



84.4050, -41.6117, -46.8362



104.9970, 44.3715, -92.0824

Rectangle

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



103.4940, 74.6925, -17.0962



86.4810, 24.9059, 132.0052



84.4050, -41.6117, -46.8362



90.9410, -4.4079, -79.7553

Sweetspot

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



103.4940, 74.6925, -17.0962



209.8140, 22.2767, -5.0989



203.8710, 25.2066, -105.1269



100.5340, 13.5407, -3.0993



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



103.4940, 74.6925, -17.0962



74.2560, 89.1068, -20.3955



129.2080, 62.0155, 35.7746



116.4820, 5.6784, -1.2997



21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Inverse Universe

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



154.6230, 49.4859, 88.0306



135.2520, 59.0358, 105.0190



210.0910, -62.1629, -35.1598



120.3690, 3.7621, 6.6924



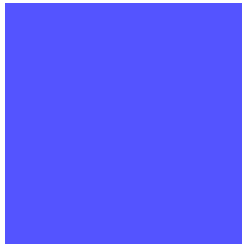
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 103.4940, 74.6925, -17.0962 looks on a white background.

Color Contrast Check

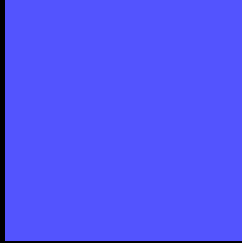
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 103.4940, 74.6925, -17.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 103.4940, 74.6925, -17.0962

Background



This preview shows how black text looks on a background with the YUV color 103.4940, 74.6925, -17.0962.



This preview shows how white text looks on a background with the YUV color 103.4940, 74.6925, -17.0962.

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

103.4940, 74.6925, -17.0962

Protanopia

86.8290, 66.1463, -76.1490

Deuteranopia

87.4040, 50.5798, -76.6533



Tritanopia

85.7330, 21.3306, -75.1878

Trichromacy



Original Color

103.4940, 74.6925, -17.0962

Protanomaly

92.7700, 69.1334, -54.1723

Deuteranomaly

93.5390, 59.3873, -54.8467

Tritanomaly

92.6150, 40.6158, -54.0364

Monochromacy



Original Color

103.4940, 74.6925, -17.0962

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0680, 27.0815, -6.1986

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4940, 74.6925, -17.0962 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(84, 84, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 84, 255)  
}
```

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(84, 84, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 84, 255) }
```

Border

The CSS property to change the border of an element to YUV 103.4940, 74.6925, -17.0962 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(84, 84, 255) }
```


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

```
.border{ border-color:rgb(84, 84, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 84, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 84, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 84, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 84,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 103.4940, 74.6925, -17.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 84, 255) }
```

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

```
.background{ background-color: rgb(84, 84,  
255) }
```

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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