

Converting Colors

YUV(54.6940, 4.0949, -6.7476)

Have a look what the booklet for
YUV(54.6940, 4.0949, -6.7476)
contains.

YUV(54.6940, 4.0949, -6.7476)	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(54.6940, 4.0949,
-6.7476)**

Conversions

Conversions Part 1

Format	Color
Hex	2F393F
RGB	47, 57, 63
RGB Percent	18%, 22%, 25%
CMY	0.8157, 0.7765, 0.7529
CMYK	0.25, 0.10, 0.00, 0.75
HSL	202°, 15%, 22%
HSV	202°, 25%, 25%
XYZ	3.5326, 3.8895, 5.2672
YIQ	54.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

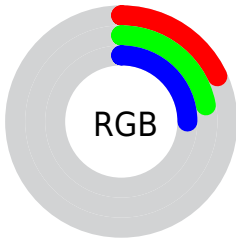
Format	Color
R _Y B	47, 53, 63
Decimal	3094847
CIE Lab	23.30, -2.55, -5.11
CIE LCh	23, 5.710, 243.514
Yxy	3.8895, 0.2784, 0.3065
Android (android.graphics.Color)	4281284927 (0xFF2F393F)
YUV	54.6940, 4.0949, -6.7476
Hunter-Lab	19.7217, -2.5396, -2.0296

Details

The YUV color **54.6940, 4.0949, -6.7476** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.3060, -4.0949, 6.7476**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.5090, 4.6791, -7.4624**, and **10.6120, 5.1213, -9.3067** is the 20% darker color. If you saturate the color by 10%, you get **51.7260, 5.5581, -9.4067**, and if you desaturate by 10%, it is **57.6620, 2.6316, -4.0886**.

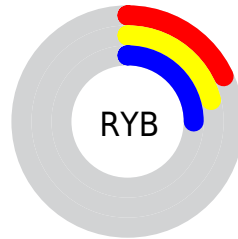
Distribution



Red (18%)

Green (22%)

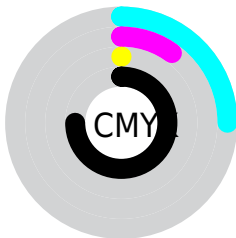
Blue (25%)



Red (18%)

Yellow (21%)

Blue (25%)

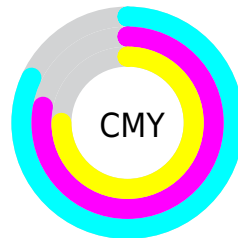


Cyan (25%)

Magenta (10%)

Yellow (0%)

Black (75%)



Cyan (82%)

Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.6940, 4.0949, -6.7476 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 54.6940, 4.0949, -6.7476 by changing the saturation by 10% instead.

■ 54.6940, 4.0949,
-6.7476

■ 54.6940, 4.0949,
-6.7476

■ 255.0000, 0.0000,
0.0000

■ 33.5800, 3.6581,
-6.6477

■ 101.5090, 4.6791,
-7.4624

■ 10.6120, 5.1213,
-9.3067

■ 126.5090, 4.6791,
-7.4624

■ 0.0000, 0.0000,
0.0000

■ 152.5090, 4.6791,
-7.4624

■ 179.2100, 4.8265,
-8.0772

■ 206.6230, 5.1159,
-7.5624

■ 235.2100, 4.8265,

-8.0772

254.7010, 0.1474,
-0.6148

■ 54.6940, 4.0949,
-6.7476

■ 54.6940, 4.0949,
-6.7476

■ 51.7260, 5.5581,
-9.4067

■ 57.6620, 2.6316,
-4.0886

■ 47.8720, 7.4581,
-12.1657

■ 61.5160, 0.7316,
-1.3295

■ 44.9040, 8.9213,
-14.8248

■ 64.4840, -0.7316,
1.3295

■ 41.9360, 10.3846,
-17.4839

■ 67.4520, -2.1948,
3.9886

■ 38.3810, 12.1372,
-19.6281

■ 71.3060, -4.0949,
6.7476

■ 35.1140, 13.7478,
-22.9020

■ 74.2740, -5.5581,
9.4067

■ 31.5590, 15.5004,
-25.0462

■ 77.8290, -7.3107,
11.5510

■ 30.0750, 16.2320,
-26.3758

■ 80.7970, -8.7739,
14.2100

■ 84.0640, -10.3846,
17.4839

Harmonies

Analogous

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



54.3410, 2.7899, -8.1921



54.6940, 4.0949, -6.7476



55.7160, 4.0840, -3.2589

Triad

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



54.6940, 4.0949, -6.7476



56.5170, -0.7479, 6.5626



55.0770, -3.4890, -0.9445

Complementary

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



54.6940, 4.0949, -6.7476



55.3060, -4.0949, 6.7476

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.



55.2840, -4.0840, 3.2589



54.6940, 4.0949, -6.7476



56.3600, -2.6425, 7.5773

Square

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



54.6940, 4.0949, -6.7476



56.3750, 1.2941, 4.9331



55.7080, -3.8000, 5.5181



54.6250, -1.2941, -4.9331

Rectangle

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



54.6940, 4.0949, -6.7476



55.9120, 3.4944, -0.7998



55.7080, -3.8000, 5.5181



54.7890, -3.3470, 0.1850

Sweetspot

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



54.6940, 4.0949, -6.7476



78.1460, 1.9000, -2.7590



57.0760, -2.0095, -8.8367



38.6300, 1.1684, -1.4295



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



54.6940, 4.0949, -6.7476



68.6550, 6.5791, -10.2214



49.9980, 6.4100, -2.6292



28.9290, 1.0210, -0.8147



45.3490, 23.9849, -39.7711



106.9010, 56.7438, -93.7522

Inverse Universe

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



52.9240, 2.0095, 8.8367



66.1850, 2.8668, 13.8698



60.0020, -6.4100, 2.6292



29.0110, -0.0054, 1.7444



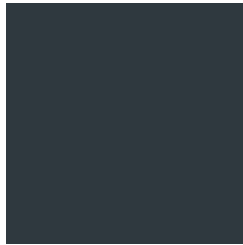
34.8320, 11.9148, 51.8903



82.2240, 27.9906, 122.5836

Previews

White Background



This preview shows how the YUV color 54.6940, 4.0949, -6.7476 looks on a white background.

Color Contrast Check

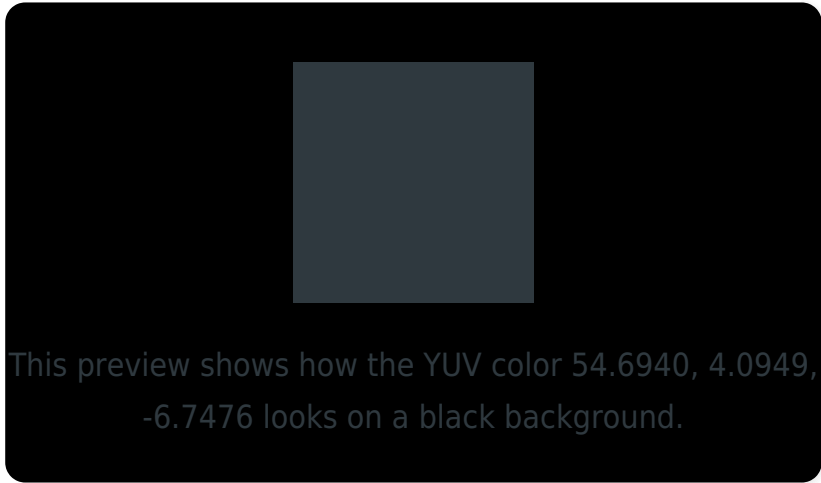
Large Text (above 18pt) WCAG AA ✓ Pass

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

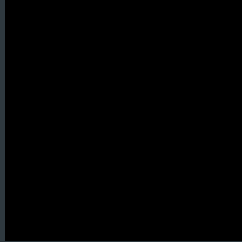
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.6940, 4.0949, -6.7476

Background



This preview shows how black text looks on a background with the YUV color 54.6940, 4.0949, -6.7476.



This preview shows how white text looks on a background with the YUV color 54.6940, 4.0949, -6.7476.

-6.7476.

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

54.6940, 4.0949, -6.7476

Protanopia

55.7980, 3.0576, -0.6998

Deuteranopia

56.0370, 3.9258, 0.8446



Tritanopia

54.5800, 3.6581, -6.6477

Trichromacy



Original Color

54.6940, 4.0949, -6.7476

Protanomaly

55.4880, 3.2104, -3.0590

Deuteranomaly

55.4280, 4.2260, -2.1294

Tritanomaly

54.5800, 3.6581, -6.6477

Monochromacy



Original Color

54.6940, 4.0949, -6.7476

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.6940, 4.0949, -6.7476 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, 57, 63)` looks like.

```
.text, #text, p{  
    color:rgb(47, 57, 63)  
}
```

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, 57, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 57, 63) }
```

Border

The CSS property to change the border of an element to YUV 54.6940, 4.0949, -6.7476 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, 57, 63) }
```


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

```
.border{ border-color:rgb(47, 57, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 57, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 57, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 57, 63);  
box-shadow:4px 4px 4px 4px rgb(47, 57, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.6940, 4.0949, -6.7476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 57, 63) }
```

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

```
.background{ background-color: rgb(47, 57,  
63) }
```

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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