

Converting Colors

YUV(52.6780, 8.5397, 14.3144)

Have a look what the booklet for
YUV(52.6780, 8.5397, 14.3144)
contains.

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Color

**YUV(52.6780, 8.5397,
14.3144)**

Conversions

Conversions Part 1

Format	Color
Hex	452946
RGB	69, 41, 70
RGB Percent	27%, 16%, 27%
CMY	0.7294, 0.8392, 0.7255
CMYK	0.01, 0.41, 0.00, 0.73
HSL	298°, 26%, 22%
HSV	298°, 41%, 27%
XYZ	4.3527, 3.2933, 6.2006
YIQ	52.6780, 7.3790, 14.9550

Conversions

Conversions Part 2

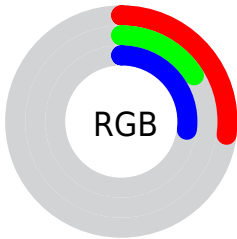
Format	Color
R_{YB}	69, 41, 70
Decimal	4532550
CIE _{Lab}	21.18, 18.62, -12.84
CIE _{LCh}	21, 22.616, 325.409
Yxy	3.2933, 0.3144, 0.2378
Android (android.graphics.Color)	4282722630 (0xFF452946)
YUV	52.6780, 8.5397, 14.3144
Hunter-Lab	18.1474, 11.0555, -7.5550

Details

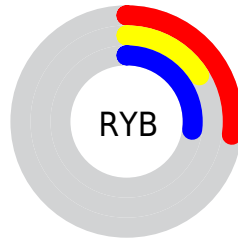
The YUV color **52.6780, 8.5397, 14.3144** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **58.3220, -8.5397, -14.3144**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.8030, 8.9711, 15.9588**, and **11.4500, 7.6662, 14.5144** is the 20% darker color. If you saturate the color by 10%, you get **48.5690, 10.5655, 17.9180**, and if you desaturate by 10%, it is **56.7870, 6.5140, 10.7108**.

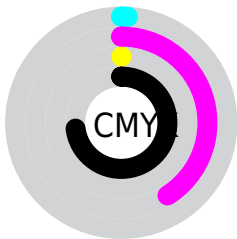
Distribution



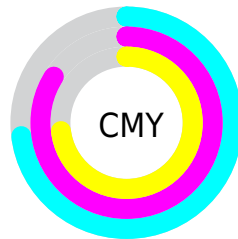
- Red (27%)
- Green (16%)
- Blue (27%)



- Red (27%)
- Yellow (16%)
- Blue (27%)



- Cyan (1%)
- Magenta (41%)
- Yellow (0%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6780, 8.5397, 14.3144 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 52.6780, 8.5397, 14.3144 by changing the saturation by 10% instead.

■ 52.6780, 8.5397,
14.3144

■ 52.6780, 8.5397,
14.3144

■ 255.0000, 0.0000,
0.0000

■ 30.9660, 8.3978,
13.1848

■ 99.8030, 8.9711,
15.9588

■ 11.4500, 7.6662,
14.5144

■ 125.2160, 9.2605,
16.4736

■ 0.0000, 0.0000,
0.0000

■ 151.0420, 9.8393,
17.5032

■ 178.0420, 9.8393,
17.5032

■ 205.4550, 10.1287,
18.0180

■ 233.8680, 10.4181,

18.5328

250.3040, 2.3151,
4.1184

52.6780, 8.5397,
14.3144

52.6780, 8.5397,
14.3144

48.5690, 10.5655,
17.9180

56.7870, 6.5140,
10.7108

44.4600, 12.5912,
21.5216

60.8960, 4.4883,
7.1072

40.0520, 14.7644,
24.5104

65.3040, 2.3151,
4.1184

35.9430, 16.7901,
28.1140

69.4130, 0.2894,
0.5148

31.8340, 18.8158,
31.7176

73.5220, -1.7363,
-3.0888

■ 28.3120, 20.5522,
34.8064

■ 77.6310, -3.7621,
-6.6924

■ 82.0390, -5.9352,
-9.6812

■ 86.1480, -7.9610,
-13.2848

■ 90.2570, -9.9867,
-16.8884

Harmonies

Analogous

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



51.7620, 14.4143, -3.2993



52.6780, 8.5397, 14.3144



51.7950, 1.0871, 24.7358

Triad

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



52.6780, 8.5397, 14.3144



49.5380, -16.0412, 11.8062



42.0430, 11.3178, -36.8717

Complementary

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



52.6780, 8.5397, 14.3144



58.3220, -8.5397, -14.3144

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.



40.1050, 3.8922, -35.1721



52.6780, 8.5397, 14.3144



47.6180, -14.1087, -1.4190

Square

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



52.6780, 8.5397, 14.3144



50.4020, -13.0162, 21.5724



44.7670, -6.7871, -16.4587



42.3510, 17.5750, -37.1418

Rectangle

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



52.6780, 8.5397, 14.3144



51.1390, -4.0125, 27.0651



44.7670, -6.7871, -16.4587



41.3590, 8.6970, -36.2718

Sweetspot

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



52.6780, 8.5397, 14.3144



85.2440, 3.3307, 5.0480



44.8930, 12.3778, -3.4142



41.8910, 2.0257, 3.6036



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



52.6780, 8.5397, 14.3144



64.4000, 13.6068, 22.4512



51.4950, 2.7140, 16.2289



33.6520, 1.1576, 2.0592



39.9900, 29.0919, 49.1208



91.3590, 66.8710, 111.9412

Inverse Universe

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



49.7850, -3.8380, 17.7286



59.8680, -6.3439, 28.1798



59.5050, -2.7140, -16.2289



33.1960, -0.5896, 2.4591



29.9430, -13.2829, 60.5630



68.7850, -29.9670, 138.7546

Previews

White Background



This preview shows how the YUV color 52.6780, 8.5397, 14.3144 looks on a white background.

Color Contrast Check

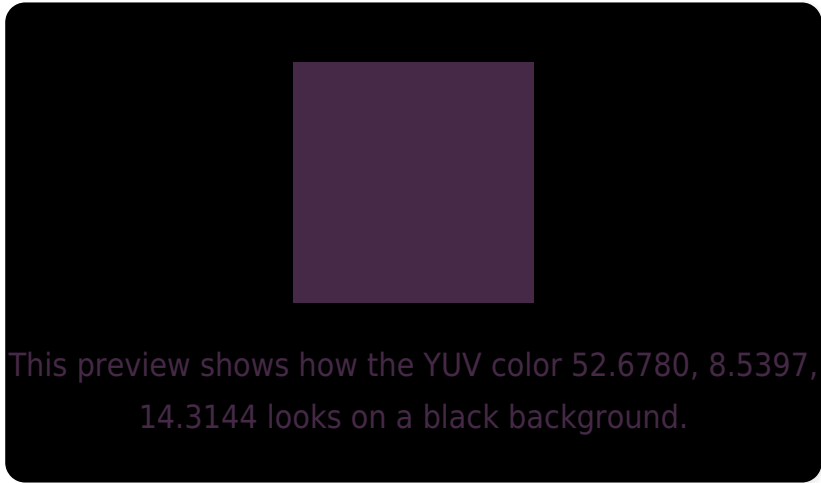
Large Text (above 18pt) WCAG AA ✓ Pass

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

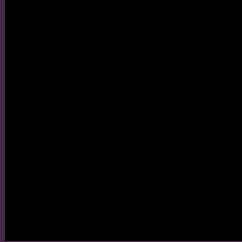
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.6780, 8.5397, 14.3144

Background



This preview shows how black text looks on a background with the YUV color 52.6780, 8.5397, 14.3144.



This preview shows how white text looks on a background with the YUV color 52.6780, 8.5397,

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

52.6780, 8.5397, 14.3144

Protanopia

50.8000, 13.4096, -7.7176

Deuteranopia

51.7420, 8.0152, -4.1587



Tritanopia

52.3220, -1.6377, 11.9956

Trichromacy



Original Color

52.6780, 8.5397, 14.3144

Protanomaly

51.6870, 11.4933, 0.2745

Deuteranomaly

51.9000, 8.4303, 2.7187

Tritanomaly

52.3590, 2.2880, 12.8402

Monochromacy



Original Color

52.6780, 8.5397, 14.3144

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1300, 2.8939, 5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6780, 8.5397, 14.3144 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(69, 41, 70)` looks like.

```
.text, #text, p{  
    color:rgb(69, 41, 70)  
}
```

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(69, 41, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 41, 70) }
```

Border

The CSS property to change the border of an element to YUV 52.6780, 8.5397, 14.3144 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(69, 41, 70) }
```


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

```
.border{ border-color:rgb(69, 41, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 41, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 41, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 41, 70);  
box-shadow:4px 4px 4px 4px rgb(69, 41, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.6780, 8.5397, 14.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 41, 70) }
```

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

```
.background{ background-color: rgb(69, 41,  
70) }
```

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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