

Converting Colors

YUV(52.5640, 8.1029, 14.4144)

Have a look what the booklet for
YUV(52.5640, 8.1029, 14.4144)
contains.

YUV(52.5640, 8.1029, 14.4144)	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(52.5640, 8.1029,
14.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	452945
RGB	69, 41, 69
RGB Percent	27%, 16%, 27%
CMY	0.7294, 0.8392, 0.7294
CMYK	0.00, 0.41, 0.00, 0.73
HSL	300°, 25%, 22%
HSV	300°, 41%, 27%
XYZ	4.3214, 3.2808, 6.0357
YIQ	52.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

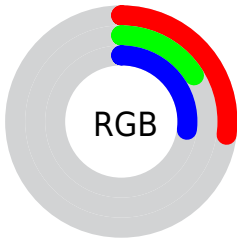
Format	Color
R_{YB}	69, 41, 69
Decimal	4532549
CIE Lab	21.13, 18.39, -12.23
CIE LCh	21, 22.088, 326.372
Yxy	3.2808, 0.3169, 0.2406
Android (android.graphics.Color)	4282722629 (0xFF452945)
YUV	52.5640, 8.1029, 14.4144
Hunter-Lab	18.1129, 10.8890, -7.0781

Details

The YUV color **52.5640, 8.1029, 14.4144** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **57.4360, -8.1029, -14.4144**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.6890, 8.5343, 16.0587**, and **11.3360, 7.2294, 14.6143** is the 20% darker color. If you saturate the color by 10%, you get **48.4550, 10.1287, 18.0180**, and if you desaturate by 10%, it is **56.6730, 6.0772, 10.8108**.

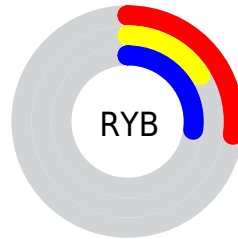
Distribution



Red (27%)

Green (16%)

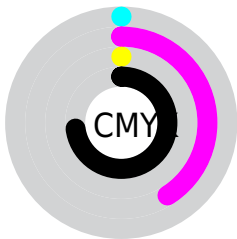
Blue (27%)



Red (27%)

Yellow (16%)

Blue (27%)

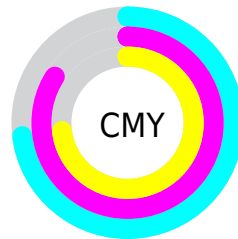


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (73%)



Cyan (73%)


Magenta (84%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.5640, 8.1029, 14.4144 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 52.5640, 8.1029, 14.4144 by changing the saturation by 10% instead.

 52.5640, 8.1029,
14.4144


 52.5640, 8.1029,
14.4144

255.0000, 0.0000,
0.0000

 30.8520, 7.9610,
13.2848


 99.6890, 8.5343,
16.0587


 11.3360, 7.2294,
14.6143

 125.1020, 8.8237,
16.5735

 0.0000, 0.0000,
0.0000

 150.5150, 9.1131,
17.0883

 177.9280, 9.4025,
17.6031

 205.3410, 9.6919,
18.1179

 233.6400, 9.5445,

18.7327

250.3040, 2.3151,
4.1184

52.5640, 8.1029,
14.4144

52.5640, 8.1029,
14.4144

48.4550, 10.1287,
18.0180

56.6730, 6.0772,
10.8108

44.3460, 12.1544,
21.6216

60.7820, 4.0515,
7.2072

40.2370, 14.1802,
25.2252

64.8910, 2.0257,
3.6036

36.1280, 16.2059,
28.8287

69.0000, 0.0000,
0.0000

32.6060, 17.9422,
31.9175

73.1090, -2.0257,
-3.6036

■ 28.4970, 19.9680,
35.5211

■ 76.6310, -3.7621,
-6.6924

■ 80.7400, -5.7878,
-10.2960

■ 84.8490, -7.8136,
-13.8996

■ 88.9580, -9.8393,
-17.5032

Harmonies

Analogous

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



51.3600, 14.1195, -2.0697



52.5640, 8.1029, 14.4144



51.6810, 0.6503, 24.8358

Triad

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



52.5640, 8.1029, 14.4144



49.2390, -15.8938, 11.1914



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.



52.5640, 8.1029, 14.4144



57.4360, -8.1029, -14.4144

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



52.5640, 8.1029, 14.4144



47.7320, -13.6719, -1.5190

Square

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



52.5640, 8.1029, 14.4144



50.1030, -12.8688, 20.9577



44.8810, -6.3503, -16.5586



42.3510, 17.5750, -37.1418

Rectangle

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



52.5640, 8.1029, 14.4144



50.7260, -4.3019, 26.5503



44.8810, -6.3503, -16.5586



41.3590, 8.6970, -36.2718

Sweetspot

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



52.5640, 8.1029, 14.4144



83.1300, 2.8939, 5.1480



44.1920, 12.2303, -2.7994



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.



52.5640, 8.1029, 14.4144



63.7590, 12.4438, 22.1364



50.9680, 1.9878, 15.8141



33.6520, 1.1576, 2.0592



40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Inverse Universe

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



52.5640, 8.1029, 14.4144



63.7590, 12.4438, 22.1364



59.0320, -1.9878, -15.8141



33.6520, 1.1576, 2.0592



40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Previews

White Background



This preview shows how the YUV color 52.5640, 8.1029, 14.4144 looks on a white background.

Color Contrast Check

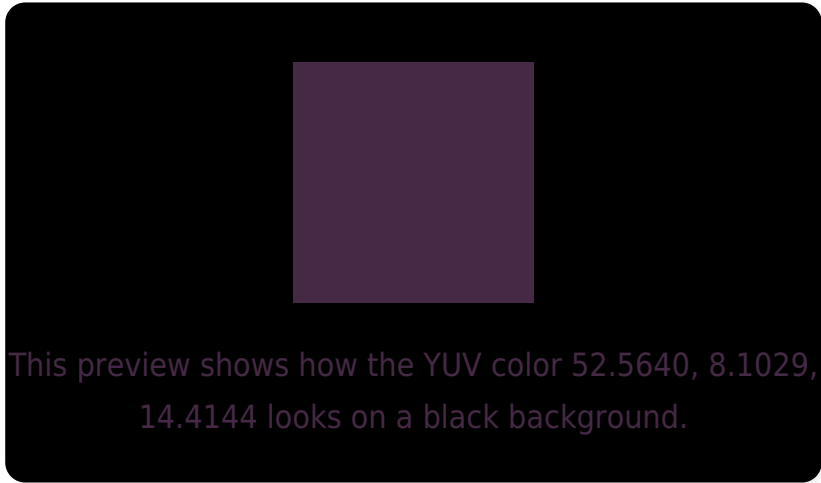
Large Text (above 18pt) WCAG AA ✓ Pass

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

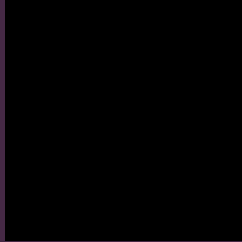
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.5640, 8.1029, 14.4144

Background



This preview shows how black text looks on a background with the YUV color 52.5640, 8.1029, 14.4144.



This preview shows how white text looks on a background with the YUV color 52.5640, 8.1029,

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

52.5640, 8.1029, 14.4144

Protanopia

50.5720, 12.5360, -7.5176

Deuteranopia

51.0410, 7.8678, -3.5440



Tritanopia

51.7350, -1.3484, 12.5104

Trichromacy



Original Color

52.5640, 8.1029, 14.4144

Protanomaly

51.4590, 10.6197, 0.4745

Deuteranomaly

51.7860, 7.9935, 2.8187

Tritanomaly

52.2450, 1.8512, 12.9401

Monochromacy



Original Color

52.5640, 8.1029, 14.4144

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 52.5640, 8.1029, 14.4144 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, 69)` looks like.

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

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, 69) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 52.5640, 8.1029, 14.4144 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, 69) }
```


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

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

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, 69)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 52.5640, 8.1029, 14.4144 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, 69) }
```

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

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

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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