

Converting Colors

YUV(55.7830, 9.4740, 41.4093)

Have a look what the booklet for
YUV(55.7830, 9.4740, 41.4093)
contains.

YUV(55.7830, 9.4740, 41.4093)	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(55.7830, 9.4740,
41.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	671C4B
RGB	103, 28, 75
RGB Percent	40%, 11%, 29%
CMY	0.5961, 0.8902, 0.7059
CMYK	0.00, 0.73, 0.27, 0.60
HSL	322°, 57%, 26%
HSV	322°, 73%, 40%
XYZ	7.2788, 4.2221, 7.0879
YIQ	55.7830, 29.6130, 30.5170

Conversions

Conversions Part 2

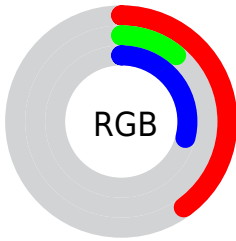
Format	Color
R_{YB}	103, 28, 75
Decimal	6757451
CIE Lab	24.39, 38.22, -10.81
CIE LCh	24, 39.724, 344.206
Yxy	4.2221, 0.3916, 0.2271
Android (android.graphics.Color)	4284947531 (0xFF671C4B)
YUV	55.7830, 9.4740, 41.4093
Hunter-Lab	20.5477, 27.2731, -6.0687

Details

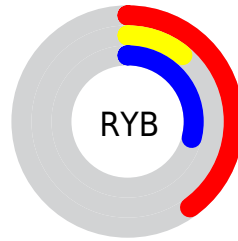
The YUV color **55.7830, 9.4740, 41.4093** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **75.2170, -9.4740, -41.4093**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.4520, 8.1582, 43.4536**, and **19.3810, 5.7282, 29.4839** is the 20% darker color. If you saturate the color by 10%, you get **49.4570, 10.6207, 46.9572**, and if you desaturate by 10%, it is **62.1090, 8.3273, 35.8614**.

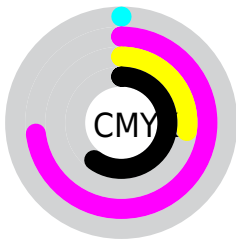
Distribution



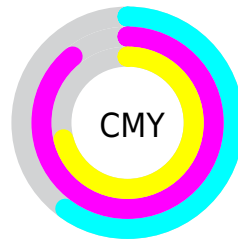
- Red (40%)
- Green (11%)
- Blue (29%)



- Red (40%)
- Yellow (11%)
- Blue (29%)



- Cyan (0%)
- Magenta (73%)
- Yellow (27%)
- Black (60%)



- Cyan (60%)
- Magenta (89%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.7830, 9.4740, 41.4093 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 55.7830, 9.4740, 41.4093 by changing the saturation by 10% instead.

■ 55.7830, 9.4740,
41.4093

■ 55.7830, 9.4740,
41.4093

255.0000, 0.0000,
0.0000

■ 28.9510, 11.3632,
42.1390

■ 107.4520, 8.1582,
43.4536

■ 19.3810, 5.7282,
29.4839

■ 133.4630, 8.1527,
45.1979

■ 8.4150, -2.6696,
16.2990

■ 160.0610, 7.8579,
46.4275

■ 0.0000, 0.0000,
0.0000

■ 187.7730, 7.9999,
47.5571

■ 210.7010, 10.5004,
38.8502

■ 230.3460, 12.1544,

21.6216

246.7820, 4.0515,
7.2072

55.7830, 9.4740,
41.4093

55.7830, 9.4740,
41.4093

49.4570, 10.6207,
46.9572

62.1090, 8.3273,
35.8614

42.5440, 12.0568,
53.0199

69.0220, 6.8912,
29.7987

38.2070, 13.2089,
56.8235

75.3480, 5.7444,
24.2508

81.5600, 4.1609,
18.8029

88.4730, 2.7248,
12.7402

■ 94.7990, 1.5781,
7.1923

■ 101.1250, 0.4314,
1.6444

■ 107.4510, -0.7153,
-3.9035

■ 114.3640, -2.1515,
-9.9662

Harmonies

Analogous

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



59.7780, 20.3224, 15.1037



55.7830, 9.4740, 41.4093



52.6950, -3.7936, 50.2565

Triad

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



55.7830, 9.4740, 41.4093



53.4480, -26.3499, 4.8691



52.3760, 22.9856, -45.9338

Complementary

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



55.7830, 9.4740, 41.4093



75.2170, -9.4740, -41.4093

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.



49.8850, 10.9027, -43.7491



55.7830, 9.4740, 41.4093



46.6340, -18.5536, -22.4810

Square

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



55.7830, 9.4740, 41.4093



55.0530, -27.1411, 25.3865



45.7640, -2.3487, -40.1350



51.9660, 31.5688, -45.5742

Rectangle

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



55.7830, 9.4740, 41.4093



53.7410, -13.6763, 46.7081



45.7640, -2.3487, -40.1350



52.0510, 19.2019, -45.6487

Sweetspot

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



55.7830, 9.4740, 41.4093



116.1360, 3.8770, 16.5437



44.6230, 28.7799, 9.1006



57.6360, 2.1515, 9.9662



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



55.7830, 9.4740, 41.4093



61.3050, 14.6396, 64.6305



51.5650, -6.6875, 45.1085



47.8370, 0.5734, 2.7740



42.5930, 14.4977, 63.5009



89.6860, 30.7208, 133.5794

Inverse Universe

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



55.7830, 9.4740, 41.4093



61.3050, 14.6396, 64.6305



79.4350, 6.6875, -45.1085



47.8370, 0.5734, 2.7740



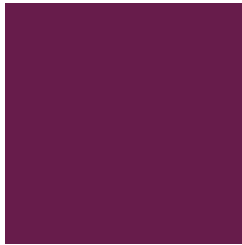
42.5930, 14.4977, 63.5009



89.6860, 30.7208, 133.5794

Previews

White Background



This preview shows how the YUV color 55.7830, 9.4740, 41.4093 looks on a white background.

Color Contrast Check

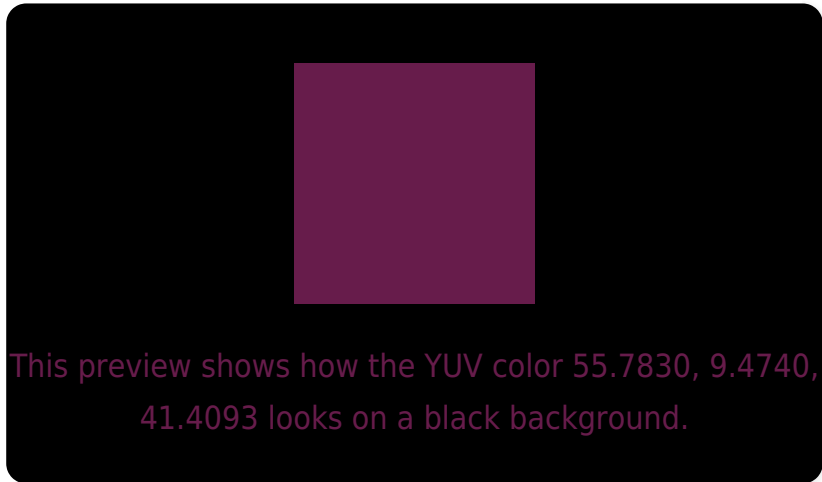
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.7830, 9.4740, 41.4093

Background



This preview shows how black text looks on a background with the YUV color 55.7830, 9.4740, 41.4093.



This preview shows how white text looks on a background with the YUV color 55.7830, 9.4740,

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

55.7830, 9.4740, 41.4093

Protanopia

58.2600, 19.0988, -12.5060

Deuteranopia

59.7810, 5.5310, -0.6849



Tritanopia

56.7660, -8.2656, 37.9162

Trichromacy



Original Color

55.7830, 9.4740, 41.4093

Protanomaly

57.1700, 15.6922, 6.8669

Deuteranomaly

58.2220, 6.7926, 14.7143

Tritanomaly

56.1990, -1.5771, 39.2905

Monochromacy



Original Color

55.7830, 9.4740, 41.4093

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0110, 3.4456, 14.8994

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.7830, 9.4740, 41.4093 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(103, 28, 75)` looks like.

```
.text, #text, p{  
    color:rgb(103, 28, 75)  
}
```

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(103, 28, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 28, 75) }
```

Border

The CSS property to change the border of an element to YUV 55.7830, 9.4740, 41.4093 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(103, 28, 75) }
```


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

```
.border{ border-color:rgb(103, 28, 75) }
```

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

Here you see how a box with a 4 pixel rgb(103, 28, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 28, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 28, 75);  
box-shadow:4px 4px 4px 4px rgb(103, 28,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 55.7830, 9.4740, 41.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 28, 75) }
```

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

```
.background{ background-color: rgb(103, 28,  
75) }
```

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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