

Converting Colors

YUV(42.7940, 9.4686, 43.1537)

Have a look what the booklet for
YUV(42.7940, 9.4686, 43.1537)
contains.

YUV(42.7940, 9.4686, 43.1537)	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(42.7940, 9.4686,
43.1537)**

Conversions

Conversions Part 1

Format	Color
Hex	5C0E3E
RGB	92, 14, 62
RGB Percent	36%, 5%, 24%
CMY	0.6392, 0.9451, 0.7569
CMYK	0.00, 0.85, 0.33, 0.64
HSL	323°, 74%, 21%
HSV	323°, 85%, 36%
XYZ	5.4402, 2.9372, 4.8376
YIQ	42.7940, 31.0800, 31.4640

Conversions

Conversions Part 2

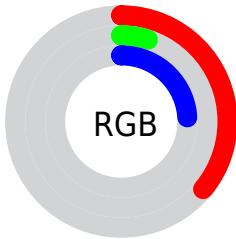
Format	Color
R_YB	92, 14, 62
Decimal	6032958
CIE Lab	19.79, 38.42, -9.13
CIE LCh	20, 39.491, 346.635
Yxy	2.9372, 0.4117, 0.2223
Android (android.graphics.Color)	4284223038 (0xFF5C0E3E)
YUV	42.7940, 9.4686, 43.1537
Hunter-Lab	17.1382, 26.6692, -4.7391

Details

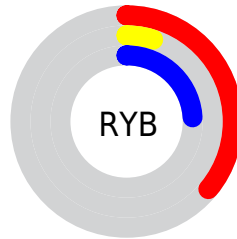
The YUV color **42.7940, 9.4686, 43.1537** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **63.2060, -9.4686, -43.1537**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2240, 7.2846, 43.6536**, and **15.7350, 2.1026, 25.6654** is the 20% darker color. If you saturate the color by 10%, you get **37.0550, 10.3259, 48.1868**, and if you desaturate by 10%, it is **48.5330, 8.6112, 38.1206**.

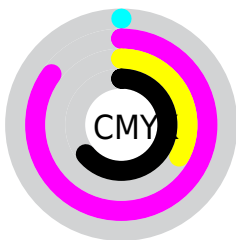
Distribution



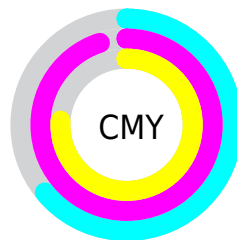
- Red (36%)
- Green (5%)
- Blue (24%)



- Red (36%)
- Yellow (5%)
- Blue (24%)



- Cyan (0%)
- Magenta (85%)
- Yellow (33%)
- Black (64%)





- Cyan (64%)
- Magenta (95%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7940, 9.4686, 43.1537 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 42.7940, 9.4686, 43.1537 by changing the saturation by 10% instead.

 42.7940, 9.4686,
43.1537


 42.7940, 9.4686,
43.1537

255.0000, 0.0000,
0.0000


 24.2940, 7.7431,
36.5762


 95.2240, 7.2846,
43.6536


 15.7350, 2.1026,
25.6654

 121.1210, 6.8423,
45.4979

 0.0000, 0.0000,
0.0000


 147.7190, 6.5475,
46.7274

 174.7300, 6.5421,
48.4718

 201.2460, 7.2737,
47.1423


 220.8740, 11.4011,


29.9285


 239.1510, 7.8136,
13.8996

 42.7940, 9.4686,
43.1537


 42.7940, 9.4686,
43.1537


 37.0550, 10.3259,
48.1868

 48.5330, 8.6112,
38.1206

 34.0060, 11.3360,
50.8607

 54.1580, 7.3171,
33.1874

 60.4840, 6.1704,
27.6395

 66.1090, 4.8763,
22.7064

 71.8480, 4.0189,
17.6733

■ 77.4730, 2.7248,
12.7402

■ 83.2120, 1.8675,
7.7071

■ 89.4240, 0.2840,
2.2592

■ 95.1630, -0.5734,
-2.7740

Harmonies

Analogous

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



48.5610, 19.4434, 17.0480



42.7940, 9.4686, 43.1537



40.1080, -3.5042, 50.7713

Triad

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



42.7940, 9.4686, 43.1537



43.6910, -21.5397, 2.0250



44.8930, 22.2378, -39.3712

Complementary

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



42.7940, 9.4686, 43.1537



63.2060, -9.4686, -43.1537

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.



42.5160, 10.5916, -37.2865



42.7940, 9.4686, 43.1537



34.6550, -17.0849, -26.8844

Square

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



42.7940, 9.4686, 43.1537



45.8830, -22.6203, 22.0276



38.9820, -2.9491, -34.1872



44.1410, 29.5105, -38.7117

Rectangle

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



42.7940, 9.4686, 43.1537



42.3170, -13.9603, 44.4490



38.9820, -2.9491, -34.1872



44.5680, 18.4540, -39.0861

Sweetspot

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



42.7940, 9.4686, 43.1537



101.0220, 3.4402, 16.6437



31.8620, 29.6480, 10.6450



49.6360, 2.1515, 9.9662



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



42.7940, 9.4686, 43.1537



44.3160, 14.6342, 66.3749



38.3480, -7.5666, 47.0528



42.8370, 0.5734, 2.7740



40.5280, 13.0507, 60.9269



87.5070, 28.8370, 131.1054

Inverse Universe

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



42.7940, 9.4686, 43.1537



44.3160, 14.6342, 66.3749



67.6520, 7.5666, -47.0528



42.8370, 0.5734, 2.7740



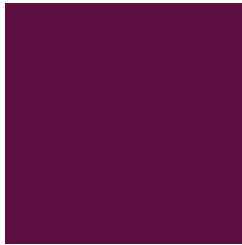
40.5280, 13.0507, 60.9269



87.5070, 28.8370, 131.1054

Previews

White Background



This preview shows how the YUV color 42.7940, 9.4686, 43.1537 looks on a white background.

Color Contrast Check

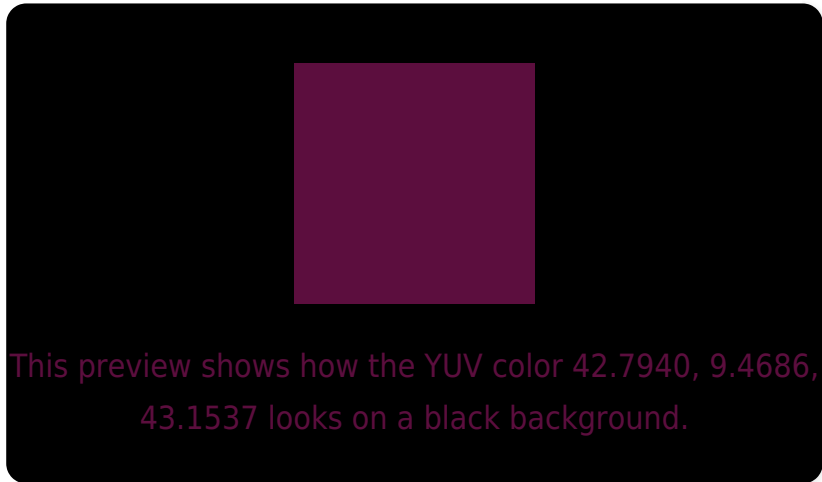
Large Text (above 18pt) WCAG AA ✓ Pass

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

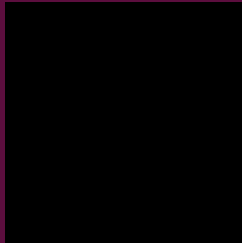
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.7940, 9.4686, 43.1537

Background



This preview shows how black text looks on a background with the YUV color 42.7940, 9.4686, 43.1537.



This preview shows how white text looks on a background with the YUV color 42.7940, 9.4686,

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

42.7940, 9.4686, 43.1537

Protanopia

48.7330, 18.3726, -12.9208

Deuteranopia

50.6240, 3.6364, 0.3298



Tritanopia

45.9510, -8.8498, 38.6310

Trichromacy



Original Color

42.7940, 9.4686, 43.1537

Protanomaly

46.3550, 15.1080, 7.5817

Deuteranomaly

47.5920, 5.6241, 16.1438

Tritanomaly

44.6830, -2.3087, 40.6200

Monochromacy



Original Color

42.7940, 9.4686, 43.1537

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.7230, 3.5876, 16.0289

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7940, 9.4686, 43.1537 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(92, 14, 62)` looks like.

```
.text, #text, p{  
    color:rgb(92, 14, 62)  
}
```

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(92, 14, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 14, 62) }
```

Border

The CSS property to change the border of an element to YUV 42.7940, 9.4686, 43.1537 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(92, 14, 62) }
```


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

```
.border{ border-color:rgb(92, 14, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 14, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 14, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 14, 62);  
box-shadow:4px 4px 4px 4px rgb(92, 14, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.7940, 9.4686, 43.1537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 14, 62) }
```

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

```
.background{ background-color: rgb(92, 14,  
62) }
```

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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