

Converting Colors

YUV(47.5620, -8.6581, 70.5441)

Have a look what the booklet for
YUV(47.5620, -8.6581, 70.5441)
contains.

YUV(47.5620, -8.6581, 70.5441)	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(47.5620, -8.6581,
70.5441)**

Conversions

Conversions Part 1

Format	Color
Hex	800A1E
RGB	128, 10, 30
RGB Percent	50%, 4%, 12%
CMY	0.4980, 0.9608, 0.8824
CMYK	0.00, 0.92, 0.77, 0.50
HSL	350°, 86%, 27%
HSV	350°, 92%, 50%
XYZ	9.2450, 4.9000, 1.6868
YIQ	47.5620, 63.9080, 31.2360

Conversions

Conversions Part 2

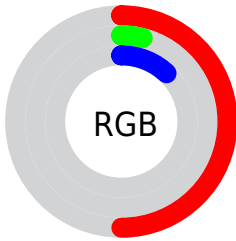
Format	Color
RYB	128, 10, 30
Decimal	8391198
CIELab	26.45, 46.98, 23.33
CIElCh	26, 52.454, 26.407
Yxy	4.9000, 0.5839, 0.3095
Android (android.graphics.Color)	4286581278 (0xFF800A1E)
YUV	47.5620, -8.6581, 70.5441
Hunter-Lab	22.1360, 35.8116, 10.9771

Details

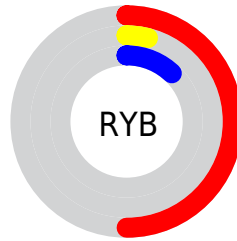
The YUV color **47.5620, -8.6581, 70.5441** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **90.4380, 8.6581, -70.5441**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.0260, -15.7888, 71.0142**, and **21.2290, -10.4659, 43.6492** is the 20% darker color. If you saturate the color by 10%, you get **40.7800, -9.2585, 76.4919**, and if you desaturate by 10%, it is **56.4470, -7.6154, 62.7520**.

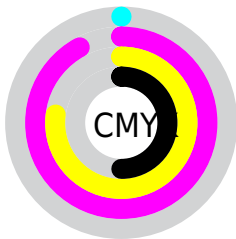
Distribution



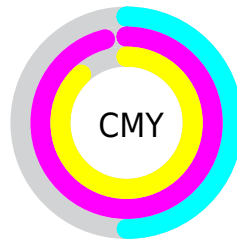
- Red (50%)
- Green (4%)
- Blue (12%)



- Red (50%)
- Yellow (4%)
- Blue (12%)



- Cyan (0%)
- Magenta (92%)
- Yellow (77%)
- Black (50%)



- Cyan (50%)
- Magenta (96%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5620, -8.6581, 70.5441 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 47.5620, -8.6581, 70.5441 by changing the saturation by 10% instead.

47.5620, -8.6581,
70.5441

47.5620, -8.6581,
70.5441

255.0000, 0.0000,
0.0000

30.3990, -11.5357,
60.1631

106.0260,
-15.7888, 71.0142

21.2290, -10.4659,
43.6492

133.4670,
-17.9782, 73.2584

13.2700, -6.0491,
26.9502

160.8480,
-19.1521, 76.4323

0.0000, 0.0000,
0.0000


182.3410,
-16.9301, 63.7219


201.2680,
-12.9501, 47.1230


221.3690, -9.5489,


29.4944


 241.5840, -5.7109,
11.7658


 47.5620, -8.6581,
70.5441


 47.5620, -8.6581,
70.5441


 40.7800, -9.2585,
76.4919

 56.4470, -7.6154,
62.7520

 65.2180, -7.0095,
55.0598

 73.5160, -5.6774,
47.7825

 82.4010, -4.6347,
39.9903

 91.1720, -4.0288,
32.2982

■ 100.0570, -2.9861,
24.5060

■ 108.8280, -2.3802,
16.8138

■ 117.1260, -1.0481,
9.5365

■ 126.0110, -0.0054,
1.7444

Harmonies

Analogous

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



46.1380, 11.2710, 71.7930



47.5620, -8.6581, 70.5441



57.2560, -28.2272, 47.1335

Triad

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



47.5620, -8.6581, 70.5441



45.9800, -16.7521, -40.3245



56.9190, 42.9309, -49.9180

Complementary

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



47.5620, -8.6581, 70.5441



90.4380, 8.6581, -70.5441

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.



59.9050, 34.0638, -52.5367



47.5620, -8.6581, 70.5441



52.7570, 1.5988, -46.2679

Square

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



47.5620, -8.6581, 70.5441



54.2460, -26.7433, -8.9857



57.4310, 19.5075, -50.3670



59.6460, 37.1495, -15.4755

Rectangle

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



47.5620, -8.6581, 70.5441



59.2060, -29.1886, 28.7603



57.4310, 19.5075, -50.3670



58.9250, 40.4630, -51.6772

Sweetspot

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



47.5620, -8.6581, 70.5441



133.9650, -3.4337, 28.0947



52.1560, 37.3911, 47.2212



64.8280, -2.3802, 16.8138



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



47.5620, -8.6581, 70.5441



52.8260, -12.2392, 99.2536



67.0010, -28.1015, 53.4961



59.2070, -0.5951, 4.2035



40.7800, -9.2585, 76.4919



0.0000, 0.0000, 0.0000

Inverse Universe

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



47.5620, -8.6581, 70.5441



52.8260, -12.2392, 99.2536



70.9990, 28.1015, -53.4961



59.2070, -0.5951, 4.2035



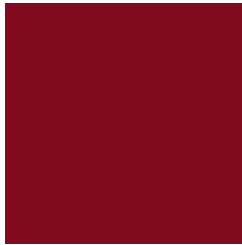
40.7800, -9.2585, 76.4919



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 47.5620, -8.6581, 70.5441 looks on a white background.

Color Contrast Check

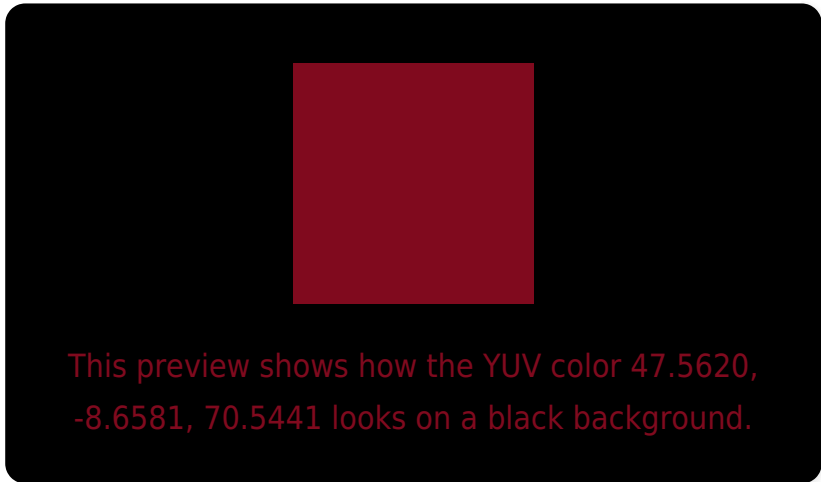
Large Text (above 18pt) WCAG AA ✓ Pass

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

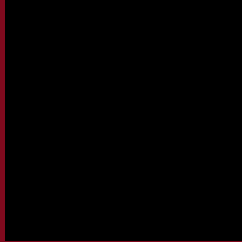
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5620, -8.6581, 70.5441

Background



This preview shows how black text looks on a background with the YUV color 47.5620, -8.6581, 70.5441.



This preview shows how white text looks on a background with the YUV color 47.5620, -8.6581,

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

47.5620, -8.6581, 70.5441

Protanopia

64.5140, -9.6204, 5.6882

Deuteranopia

63.4200, -20.4201, 16.2947



Tritanopia

48.4450, -17.9674, 69.7697

Trichromacy



Original Color

47.5620, -8.6581, 70.5441

Protanomaly

58.4830, -9.1121, 29.3944

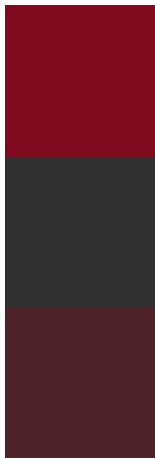
Deuteranomaly

57.6920, -16.1172, 36.2271

Tritanomaly

48.0690, -14.3310, 70.0995

Monochromacy



Original Color

47.5620, -8.6581, 70.5441

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.6550, -3.2809, 25.7356

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5620, -8.6581, 70.5441 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(128, 10, 30)` looks like.

```
.text, #text, p{  
    color:rgb(128, 10, 30)  
}
```

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(128, 10, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 10, 30) }
```

Border

The CSS property to change the border of an element to YUV 47.5620, -8.6581, 70.5441 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(128, 10, 30) }
```


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

```
.border{ border-color:rgb(128, 10, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 10, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 10, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 10, 30);  
box-shadow:4px 4px 4px 4px rgb(128, 10,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 47.5620, -8.6581, 70.5441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 10, 30) }
```

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

```
.background{ background-color: rgb(128, 10,  
30) }
```

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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