

Converting Colors

YUV(47.5600, 1.2029, 81.0699)

Have a look what the booklet for
YUV(47.5600, 1.2029, 81.0699)
contains.

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Color

**YUV(47.5600, 1.2029,
81.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	8C0032
RGB	140, 0, 50
RGB Percent	55%, 0%, 20%
CMY	0.4510, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.64, 0.45
HSL	339°, 100%, 27%
HSV	339°, 100%, 55%
XYZ	11.3909, 5.8057, 3.5379
YIQ	47.5600, 67.3900, 45.2300

Conversions

Conversions Part 2

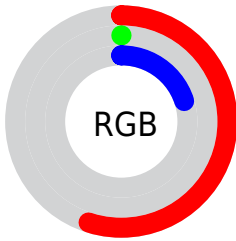
Format	Color
R_{YB}	140, 0, 50
Decimal	9175090
CIE Lab	28.92, 52.91, 13.62
CIE LCh	29, 54.633, 14.439
Yxy	5.8057, 0.5494, 0.2800
Android (android.graphics.Color)	4287365170 (0xFF8C0032)
YUV	47.5600, 1.2029, 81.0699
Hunter-Lab	24.0951, 42.2193, 8.1611

Details

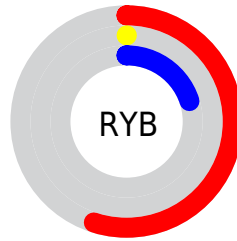
The YUV color **47.5600, 1.2029, 81.0699** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **92.4400, -1.2029, -81.0699**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.1220, -7.9481, 76.1920**, and **25.1590, -10.9244, 50.7266** is the 20% darker color. If you saturate the color by 10%, you get **47.5600, 1.2029, 81.0699**, and if you desaturate by 10%, it is **56.8040, 1.0826, 72.9629**.

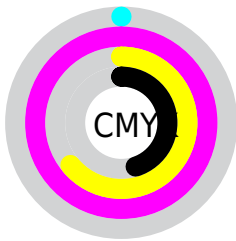
Distribution



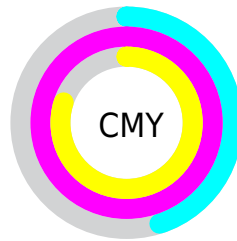
- Red (55%)
- Green (0%)
- Blue (20%)



- Red (55%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5600, 1.2029, 81.0699 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 47.5600, 1.2029, 81.0699 by changing the saturation by 10% instead.

47.5600, 1.2029,
81.0699

47.5600, 1.2029,
81.0699

255.0000, 0.0000,
0.0000

36.4950, -3.6950,
65.3409

112.1220, -7.9481,
76.1920

25.1590, -10.9244,
50.7266

139.9760, -9.8482,
78.9510

16.9720, -7.3812,
34.2276

166.8510,
-10.2795, 77.3067

3.8870, -1.9163,
7.9921

185.7780, -6.2996,
60.7077


0.0000, 0.0000,
0.0000


205.2920, -2.6090,
43.5939

225.5070, 1.2290,


25.8654


 245.6080, 4.6303,
8.2368


 47.5600, 1.2029,
81.0699

 56.8040, 1.0826,
72.9629

 66.0480, 0.9623,
64.8559

 75.2920, 0.8420,
56.7489

 84.5360, 0.7218,
48.6419

 93.7800, 0.6015,
40.5349

■ 103.0240, 0.4812,
32.4280

■ 112.2680, 0.3609,
24.3210

■ 121.5120, 0.2406,
16.2140

■ 130.7560, 0.1203,
8.1070

Harmonies

Analogous

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



56.1140, 17.6918, 65.6750



47.5600, 1.2029, 81.0699



59.6150, -25.9392, 59.9736

Triad

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



47.5600, 1.2029, 81.0699



47.5470, -23.4407, -41.6987



63.4730, 42.6578, -55.6658

Complementary

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



47.5600, 1.2029, 81.0699



92.4400, -1.2029, -81.0699

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.



64.3730, 30.8751, -56.4551



47.5600, 1.2029, 81.0699



54.3240, -5.0897, -47.6421

Square

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



47.5600, 1.2029, 81.0699



62.5850, -30.8544, 2.9950



60.5140, 13.5506, -53.0708



56.5430, 46.5673, -49.5882

Rectangle

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



47.5600, 1.2029, 81.0699



63.4250, -31.2685, 42.6003



60.5140, 13.5506, -53.0708



64.6640, 39.6056, -56.7103

Sweetspot

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



47.5600, 1.2029, 81.0699



145.3120, 0.3392, 31.2984



42.5710, 48.0325, 40.7182



70.2350, 0.3771, 19.0879



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



47.5600, 1.2029, 81.0699



61.5290, 1.7112, 104.7761



53.0130, -26.1354, 76.2876



64.3210, -0.1583, 4.1035



45.1250, 0.9244, 77.0664



1.7230, 0.1366, 2.8739

Inverse Universe

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



47.5600, 1.2029, 81.0699



61.5290, 1.7112, 104.7761



86.9870, 26.1354, -76.2876



64.3210, -0.1583, 4.1035



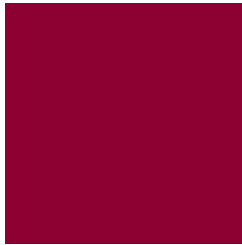
45.1250, 0.9244, 77.0664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 47.5600, 1.2029, 81.0699 looks on a white background.

Color Contrast Check

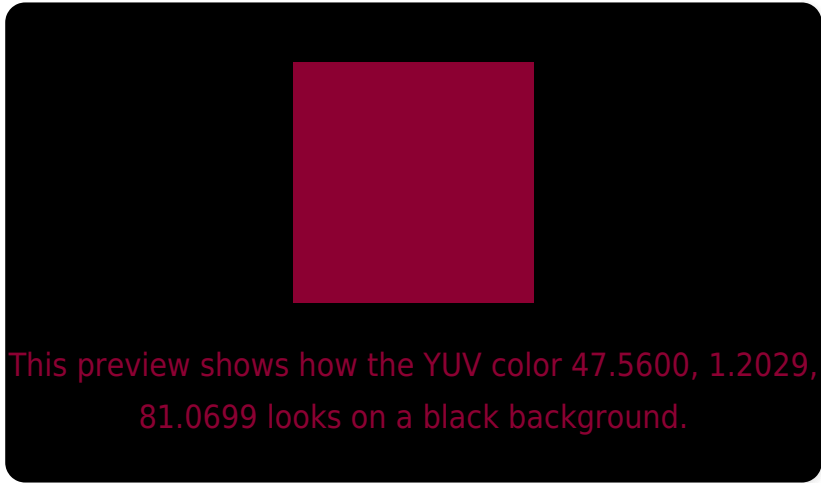
Large Text (above 18pt) WCAG AA ✓ Pass

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

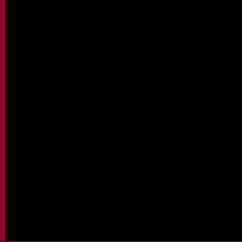
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5600, 1.2029, 81.0699

Background



This preview shows how black text looks on a background with the YUV color 47.5600, 1.2029, 81.0699.



This preview shows how white text looks on a background with the YUV color 47.5600, 1.2029, 81.0699.

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

47.5600, 1.2029, 81.0699

Protanopia

71.5270, 0.7262, 0.4148

Deuteranopia

70.9450, -13.2839, 14.0802



Tritanopia

55.3530, -18.4150, 73.3584

Trichromacy



Original Color

47.5600, 1.2029, 81.0699

Protanomaly

62.8280, 1.0708, 29.9688

Deuteranomaly

62.1790, -7.9762, 38.4310

Tritanomaly

52.6120, -11.1477, 75.7623

Monochromacy



Original Color

47.5600, 1.2029, 81.0699

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0020, 0.4920, 28.9392

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5600, 1.2029, 81.0699 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(140, 0, 50)` looks like.

```
.text, #text, p{  
    color:rgb(140, 0, 50)  
}
```

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(140, 0, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 0, 50) }
```

Border

The CSS property to change the border of an element to YUV 47.5600, 1.2029, 81.0699 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(140, 0, 50) }
```


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

```
.border{ border-color:rgb(140, 0, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 0, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 0, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 0, 50);  
box-shadow:4px 4px 4px 4px rgb(140, 0, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.5600, 1.2029, 81.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 0, 50) }
```

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

```
.background{ background-color: rgb(140, 0,  
50) }
```

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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