

Converting Colors

YUV(77.4060, 1.2788, 56.6489)

Have a look what the booklet for
YUV(77.4060, 1.2788, 56.6489)
contains.

YUV(77.4060, 1.2788, 56.6489)	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(77.4060, 1.2788,
56.6489)**

Conversions

Conversions Part 1

Format	Color
Hex	8E2C50
RGB	142, 44, 80
RGB Percent	56%, 17%, 31%
CMY	0.4431, 0.8275, 0.6863
CMYK	0.00, 0.69, 0.44, 0.44
HSL	338°, 53%, 36%
HSV	338°, 69%, 56%
XYZ	13.5040, 8.1313, 8.4472
YIQ	77.4060, 46.8520, 31.9720

Conversions

Conversions Part 2

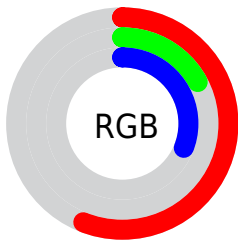
Format	Color
R_{YB}	142, 44, 80
Decimal	9317456
CIE Lab	34.25, 44.29, 1.35
CIE LCh	34, 44.307, 1.742
Yxy	8.1313, 0.4489, 0.2703
Android (android.graphics.Color)	4287507536 (0xFF8E2C50)
YUV	77.4060, 1.2788, 56.6489
Hunter-Lab	28.5155, 34.6295, 2.3973

Details

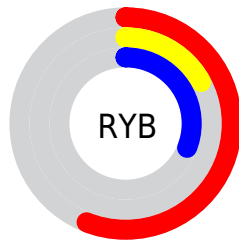
The YUV color **77.4060, 1.2788, 56.6489** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **108.5940, -1.2788, -56.6489**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.1460, -1.0580, 59.5080**, and **30.1170, 2.9003, 49.8864** is the 20% darker color. If you saturate the color by 10%, you get **68.1620, 1.3991, 64.7559**, and if you desaturate by 10%, it is **86.6500, 1.1586, 48.5420**.

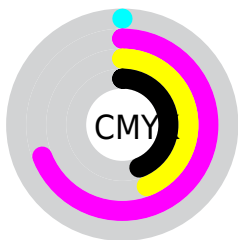
Distribution



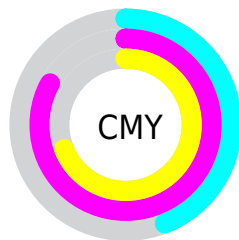
- Red (56%)
- Green (17%)
- Blue (31%)



- Red (56%)
- Yellow (17%)
- Blue (31%)



- Cyan (0%)
- Magenta (69%)
- Yellow (44%)
- Black (44%)



- Cyan (44%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.4060, 1.2788, 56.6489 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 77.4060, 1.2788, 56.6489 by changing the saturation by 10% instead.

■ 77.4060, 1.2788,
56.6489

■ 77.4060, 1.2788,
56.6489

■ 255.0000, 0.0000,
0.0000

■ 48.2150, 4.3310,
57.6934

■ 131.1460, -1.0580,
59.5080

■ 30.1170, 2.9003,
49.8864

■ 158.3420, -1.6476,
61.9671

■ 19.8350, -2.8767,
36.1017

■ 185.0430, -1.5002,
61.3523

■ 9.9810, -4.4276,
20.1877

■ 204.5570, 2.1904,
44.2385

■ 0.0000, 0.0000,
0.0000

■ 224.2990, 6.7546,
26.9248

■ 243.2600, 5.7878,

10.2960

■ 77.4060, 1.2788,
56.6489

■ 77.4060, 1.2788,
56.6489

■ 68.1620, 1.3991,
64.7559

■ 86.6500, 1.1586,
48.5420

■ 58.9180, 1.5194,
72.8629

■ 95.8940, 1.0383,
40.4350

■ 49.0870, 1.9291,
81.4847

■ 105.7250, 0.6286,
31.8132

■ 48.3860, 1.7817,
82.0995

■ 114.9690, 0.5083,
23.7062

■ 124.2130, 0.3880,
15.5992

■ 133.4570, 0.2677,
7.4922

■ 142.7010, 0.1474,
-0.6148

■ 152.5320, -0.2623,
-9.2366

■ 161.7760, -0.3826,
-17.3436

Harmonies

Analogous

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



81.7700, 15.8894, 37.0357



77.4060, 1.2788, 56.6489



77.0410, -15.3032, 55.2150

Triad

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



77.4060, 1.2788, 56.6489



71.4370, -29.7954, -10.0302



70.7790, 35.1120, -62.0732

Complementary

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



77.4060, 1.2788, 56.6489



108.5940, -1.2788, -56.6489

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.



69.6900, 23.3238, -61.1181



77.4060, 1.2788, 56.6489



60.3080, -7.5468, -52.8901

Square

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



77.4060, 1.2788, 56.6489



75.3650, -37.1549, 17.2199



66.2870, 7.7465, -58.1337



66.5220, 41.6477, -58.3398

Rectangle

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



77.4060, 1.2788, 56.6489



77.5270, -25.8958, 46.0188



66.2870, 7.7465, -58.1337



70.5680, 31.7650, -61.8881

Sweetspot

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



77.4060, 1.2788, 56.6489



158.2570, 0.3663, 22.5766



73.1120, 33.9618, 27.0888



76.7890, 0.1040, 13.3400



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.



77.4060, 1.2788, 56.6489



83.1310, 1.9074, 88.4621



79.7590, -17.6292, 54.5854



66.4350, 0.2785, 4.0035



46.0650, 1.9400, 77.9960



2.7340, 0.1311, 4.6183

Inverse Universe

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



77.4060, 1.2788, 56.6489



83.1310, 1.9074, 88.4621



106.2410, 17.6292, -54.5854



66.4350, 0.2785, 4.0035



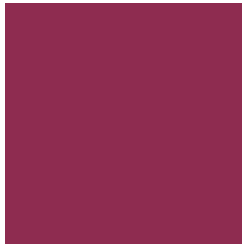
46.0650, 1.9400, 77.9960



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 77.4060, 1.2788, 56.6489 looks on a white background.

Color Contrast Check

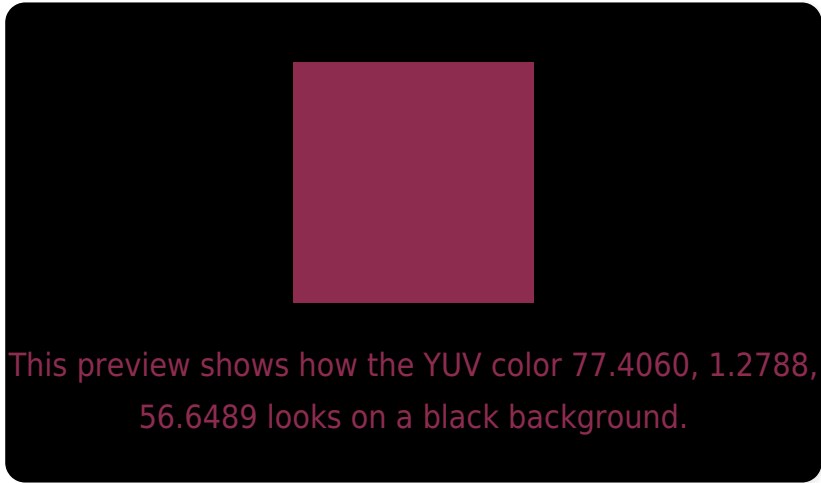
Large Text (above 18pt) WCAG AA ✓ Pass

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

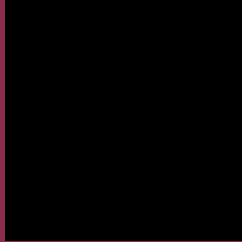
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.4060, 1.2788, 56.6489

Background



This preview shows how black text looks on a background with the YUV color 77.4060, 1.2788, 56.6489.



This preview shows how white text looks on a background with the YUV color 77.4060, 1.2788,

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

77.4060, 1.2788, 56.6489

Protanopia

82.1980, 9.7624, -4.5586

Deuteranopia

82.4310, -3.6635, 8.3920



Tritanopia

77.2520, -11.9562, 55.0300

Trichromacy



Original Color

77.4060, 1.2788, 56.6489

Protanomaly

80.8310, 6.4923, 17.6882

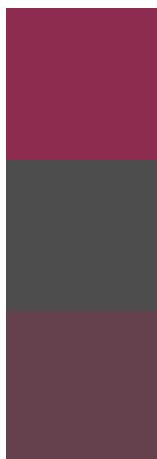
Deuteranomaly

80.4100, -1.6811, 25.9504

Tritanomaly

77.5170, -7.1569, 55.6746

Monochromacy



Original Color

77.4060, 1.2788, 56.6489

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2460, 0.3717, 20.8323

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.4060, 1.2788, 56.6489 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(142, 44, 80)` looks like.

```
.text, #text, p{  
    color:rgb(142, 44, 80)  
}
```

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(142, 44, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 44, 80) }
```

Border

The CSS property to change the border of an element to YUV 77.4060, 1.2788, 56.6489 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(142, 44, 80) }
```


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

```
.border{ border-color:rgb(142, 44, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 44, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 44, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 44, 80);  
box-shadow:4px 4px 4px 4px rgb(142, 44,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 77.4060, 1.2788, 56.6489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 44, 80) }
```

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

```
.background{ background-color: rgb(142, 44,  
80) }
```

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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