

Converting Colors

YUV(77.5290, 8.1202, 55.6641)

Have a look what the booklet for
YUV(77.5290, 8.1202, 55.6641)
contains.

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Color

**YUV(77.5290, 8.1202,
55.6641)**

Conversions

Conversions Part 1

Format	Color
Hex	8D2A5E
RGB	141, 42, 94
RGB Percent	55%, 16%, 37%
CMY	0.4471, 0.8353, 0.6314
CMYK	0.00, 0.70, 0.33, 0.45
HSL	328°, 54%, 36%
HSV	328°, 70%, 55%
XYZ	13.8328, 8.1268, 11.4292
YIQ	77.5290, 42.3120, 37.1600

Conversions

Conversions Part 2

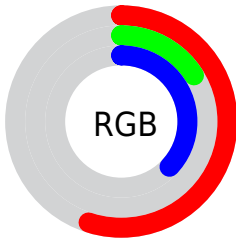
Format	Color
R_{YB}	141, 42, 94
Decimal	9251422
CIE _{Lab}	34.25, 46.43, -7.71
CIE _{LCh}	34, 47.064, 350.566
Yxy	8.1268, 0.4143, 0.2434
Android (android.graphics.Color)	4287441502 (0xFF8D2A5E)
YUV	77.5290, 8.1202, 55.6641
Hunter-Lab	28.5075, 36.7262, -3.8152

Details

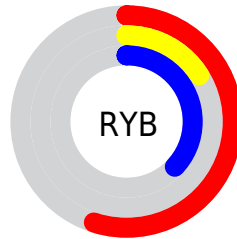
The YUV color **77.5290, 8.1202, 55.6641** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **105.4710, -8.1202, -55.6641**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3830, 6.2202, 58.4231**, and **31.4850, 8.1419, 48.6867** is the 20% darker color. If you saturate the color by 10%, you get **68.5130, 9.1141, 63.5711**, and if you desaturate by 10%, it is **86.5450, 7.1263, 47.7570**.

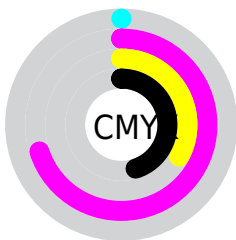
Distribution



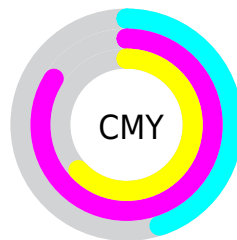
- Red (55%)
- Green (16%)
- Blue (37%)



- Red (55%)
- Yellow (16%)
- Blue (37%)



- Cyan (0%)
- Magenta (70%)
- Yellow (33%)
- Black (45%)



- Cyan (45%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.5290, 8.1202, 55.6641 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 77.5290, 8.1202, 55.6641 by changing the saturation by 10% instead.

■ 77.5290, 8.1202,
55.6641

■ 77.5290, 8.1202,
55.6641

■ 255.0000, 0.0000,
0.0000

■ 47.3490, 11.1669,
58.4529

■ 131.3830, 6.2202,
58.4231

■ 31.4850, 8.1419,
48.6867

■ 158.9810, 5.9254,
59.6527

■ 21.3170, 2.8017,
34.8020

■ 186.2800, 5.7780,
60.2674

■ 10.5790, -4.7224,
21.4172

■ 205.3210, 10.1947,
43.5685

■ 0.0000, 0.0000,
0.0000

■ 225.6500, 14.4696,
25.7400

■ 242.0860, 6.3666,

11.3256

■ 77.5290, 8.1202,
55.6641

■ 77.5290, 8.1202,
55.6641

■ 68.5130, 9.1141,
63.5711

■ 86.5450, 7.1263,
47.7570

■ 59.6110, 10.5448,
71.3782

■ 95.4470, 5.6956,
39.9500

■ 50.5950, 11.5387,
79.2852

■ 104.4630, 4.7017,
32.0429

■ 113.4790, 3.7079,
24.1359

■ 122.3810, 2.2772,
16.3289

■ 131.9840, 0.9939,
7.9070

■ 141.0000, 0.0000,
0.0000

■ 150.0160, -0.9939,
-7.9070

■ 158.9180, -2.4246,
-15.7141

Harmonies

Analogous

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



82.5390, 22.9053, 26.7143



77.5290, 8.1202, 55.6641



75.3930, -9.0677, 61.9223

Triad

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



77.5290, 8.1202, 55.6641



72.3090, -35.6483, 0.6060



71.4970, 32.7860, -62.7029

Complementary

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



77.5290, 8.1202, 55.6641



105.4710, -8.1202, -55.6641

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.



69.0230, 18.2297, -60.5332



77.5290, 8.1202, 55.6641



63.8770, -17.1944, -38.4801

Square

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



77.5290, 8.1202, 55.6641



76.3170, -37.6243, 27.7860



64.5770, 1.1945, -56.6340



69.3260, 42.2373, -60.7989

Rectangle

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



77.5290, 8.1202, 55.6641



76.4340, -21.4130, 54.8704



64.5770, 1.1945, -56.6340



71.0580, 28.5654, -62.3179

Sweetspot

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



77.5290, 8.1202, 55.6641



158.9410, 2.9871, 21.9767



67.0400, 36.4623, 18.3819



77.2450, 1.8512, 12.9401



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.



77.5290, 8.1202, 55.6641



84.5790, 12.5326, 87.1922



71.9430, -13.2829, 60.5630



66.5490, 0.7153, 3.9035



48.4590, 11.1127, 75.8965



2.8480, 0.5679, 4.5183

Inverse Universe

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



77.5290, 8.1202, 55.6641



84.5790, 12.5326, 87.1922



111.0570, 13.2829, -60.5630



66.5490, 0.7153, 3.9035



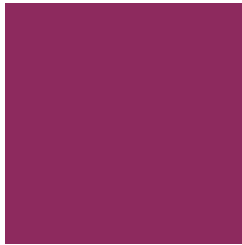
48.4590, 11.1127, 75.8965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 77.5290, 8.1202, 55.6641 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



This preview shows how the YUV color 77.5290, 8.1202, 55.6641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

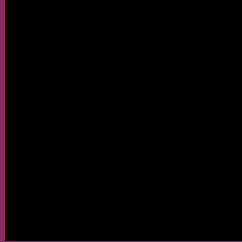
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.5290, 8.1202, 55.6641

Background



This preview shows how black text looks on a background with the YUV color 77.5290, 8.1202, 55.6641.



This preview shows how white text looks on a background with the YUV color 77.5290, 8.1202,

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

77.5290, 8.1202, 55.6641

Protanopia

80.9720, 19.2408, -11.3764

Deuteranopia

82.2330, 3.3361, 3.3037



Tritanopia

78.0560, -11.3666, 52.5709

Trichromacy



Original Color

77.5290, 8.1202, 55.6641

Protanomaly

79.8010, 15.3811, 13.3295

Deuteranomaly

80.8100, 5.0237, 22.0916

Tritanomaly

77.6030, -4.2413, 53.8452

Monochromacy



Original Color

77.5290, 8.1202, 55.6641

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9300, 2.9925, 20.2324

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.5290, 8.1202, 55.6641 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(141, 42, 94)` looks like.

```
.text, #text, p{  
    color:rgb(141, 42, 94)  
}
```

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(141, 42, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 42, 94) }
```

Border

The CSS property to change the border of an element to YUV 77.5290, 8.1202, 55.6641 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(141, 42, 94) }
```


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

```
.border{ border-color:rgb(141, 42, 94) }
```

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

Here you see how a box with a 4 pixel rgb(141, 42, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 42, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 42, 94);  
box-shadow:4px 4px 4px 4px rgb(141, 42,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 77.5290, 8.1202, 55.6641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 42, 94) }
```

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

```
.background{ background-color: rgb(141, 42,  
94) }
```

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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