

Converting Colors

YUV(87.4210, 25.4284, 57.5128)

Have a look what the booklet for
YUV(87.4210, 25.4284, 57.5128)
contains.

YUV(87.4210, 25.4284, 57.5128)	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(87.4210, 25.4284,
57.5128)**

Conversions

Conversions Part 1

Format	Color
Hex	992C8B
RGB	153, 44, 139
RGB Percent	60%, 17%, 55%
CMY	0.4000, 0.8275, 0.4549
CMYK	0.00, 0.71, 0.09, 0.40
HSL	308°, 55%, 39%
HSV	308°, 71%, 60%
XYZ	18.6978, 10.4377, 25.4553
YIQ	87.4210, 34.4690, 52.6530

Conversions

Conversions Part 2

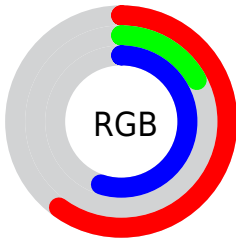
Format	Color
R_{YB}	153, 44, 139
Decimal	10038411
CIE _{Lab}	38.62, 55.38, -29.04
CIE _{LCh}	39, 62.530, 332.327
Yxy	10.4377, 0.3425, 0.1912
Android (android.graphics.Color)	4288228491 (0xFF992C8B)
YUV	87.4210, 25.4284, 57.5128
Hunter-Lab	32.3075, 46.7675, -24.0997

Details

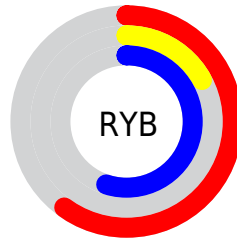
The YUV color **87.4210, 25.4284, 57.5128** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **109.5790, -25.4284, -57.5128**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4920, 24.4074, 58.3275**, and **39.3340, 23.9923, 51.4501** is the 20% darker color. If you saturate the color by 10%, you get **78.3880, 28.8957, 65.4347**, and if you desaturate by 10%, it is **96.4540, 21.9612, 49.5908**.

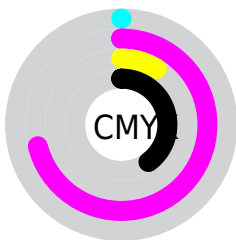
Distribution



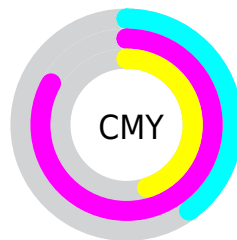
- Red (60%)
- Green (17%)
- Blue (55%)



- Red (60%)
- Yellow (17%)
- Blue (55%)



- Cyan (0%)
- Magenta (71%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (83%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4210, 25.4284, 57.5128 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 87.4210, 25.4284, 57.5128 by changing the saturation by 10% instead.

87.4210, 25.4284,
57.5128

87.4210, 25.4284,
57.5128

255.0000, 0.0000,
0.0000

53.1920, 29.4853,
62.9756

143.4920, 24.4074,
58.3275

39.3340, 23.9923,
51.4501

171.2040, 24.5494,
59.4571

28.9380, 17.7786,
37.7654

195.7300, 26.7551,
51.9798

19.2540, 11.7068,
25.2102

212.7360, 20.8362,
37.0655

4.0740, 7.8515,
1.6891

229.1720, 12.7332,
22.6512

0.0000, 0.0000,
0.0000

246.1950, 4.3409,

7.7220

■ 87.4210, 25.4284,
57.5128

■ 87.4210, 25.4284,
57.5128

■ 78.3880, 28.8957,
65.4347

■ 96.4540, 21.9612,
49.5908

■ 68.7680, 32.6524,
73.8715

■ 106.0740, 18.2045,
41.1541

■ 60.9090, 35.5409,
80.7638

■ 115.1070, 14.7372,
33.2322

■ 124.1400, 11.2700,
25.3102

■ 133.7600, 7.5133,
16.8735

■ 142.7930, 4.0461,
8.9515

■ 151.8260, 0.5788,
1.0296

■ 160.8590, -2.8885,
-6.8923

■ 170.4790, -6.6451,
-15.3291

Harmonies

Analogous

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



91.2270, 42.7791, -1.0761



87.4210, 25.4284, 57.5128



72.4610, 8.1537, 91.6807

Triad

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



87.4210, 25.4284, 57.5128



85.1220, -41.9651, 20.0640



82.1600, 30.4871, -72.0543

Complementary

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



87.4210, 25.4284, 57.5128



109.5790, -25.4284, -57.5128

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.



76.4600, 8.6472, -67.0554



87.4210, 25.4284, 57.5128



76.9060, -37.9147, -19.2116

Square

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



87.4210, 25.4284, 57.5128



84.4560, -41.6368, 54.8511



68.5430, -14.0717, -60.1122



84.0300, 47.8062, -73.6943

Rectangle

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



87.4210, 25.4284, 57.5128



76.3300, -10.0227, 88.2876



68.5430, -14.0717, -60.1122



80.9230, 23.2090, -70.9695

Sweetspot

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



87.4210, 25.4284, 57.5128



173.7760, 9.9704, 22.1214



60.3130, 45.6947, -2.9055



84.5700, 5.6350, 12.6551



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



87.4210, 25.4284, 57.5128



97.2890, 39.2975, 89.2005



81.3790, 2.2782, 62.8116



72.1900, 1.8783, 4.2184



55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Inverse Universe

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



87.4210, 25.4284, 57.5128



97.2890, 39.2975, 89.2005



115.6210, -2.2782, -62.8116



72.1900, 1.8783, 4.2184



55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 87.4210, 25.4284, 57.5128 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 × Fail

Black Background



This preview shows how the YUV color 87.4210, 25.4284, 57.5128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

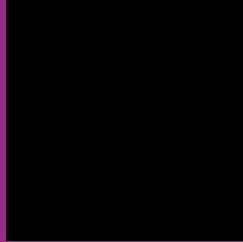
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.4210, 25.4284, 57.5128

Background



This preview shows how black text looks on a background with the YUV color 87.4210, 25.4284, 57.5128.



This preview shows how white text looks on a background with the YUV color 87.4210, 25.4284,

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

87.4210, 25.4284, 57.5128

Protanopia

84.0110, 46.8296, -40.3516

Deuteranopia

91.1890, 20.1198, -13.3208



Tritanopia

90.4900, -9.6086, 48.6823

Trichromacy



Original Color

87.4210, 25.4284, 57.5128

Protanomaly

85.4670, 38.7168, -4.7946

Deuteranomaly

89.9240, 22.2225, 12.3447

Tritanomaly

89.5410, 3.1843, 52.1455

Monochromacy



Original Color

87.4210, 25.4284, 57.5128

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9500, 9.3916, 21.0918

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4210, 25.4284, 57.5128 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(153, 44, 139)` looks like.

```
.text, #text, p{  
    color:rgb(153, 44, 139)  
}
```

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(153, 44, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 44, 139) }
```

Border

The CSS property to change the border of an element to YUV 87.4210, 25.4284, 57.5128 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(153, 44, 139) }
```


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

```
.border{ border-color:rgb(153, 44, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 44, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 44, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 44, 139);  
box-shadow:4px 4px 4px 4px rgb(153, 44,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 87.4210, 25.4284, 57.5128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 44, 139) }
```

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

```
.background{ background-color: rgb(153, 44,  
139) }
```

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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