

Converting Colors

YUV(85.0630, 4.8989, 62.2117)

Have a look what the booklet for
YUV(85.0630, 4.8989, 62.2117)
contains.

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Color

**YUV(85.0630, 4.8989,
62.2117)**

Conversions

Conversions Part 1

Format	Color
Hex	9C2F5F
RGB	156, 47, 95
RGB Percent	61%, 18%, 37%
CMY	0.3882, 0.8157, 0.6275
CMYK	0.00, 0.70, 0.39, 0.39
HSL	334°, 54%, 40%
HSV	334°, 70%, 61%
XYZ	16.7924, 9.9272, 11.8576
YIQ	85.0630, 49.5560, 38.0360

Conversions

Conversions Part 2

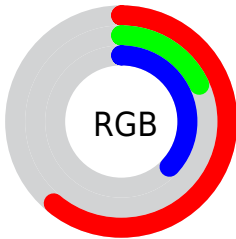
Format	Color
RYB	156, 47, 95
Decimal	10235743
CIELab	37.71, 49.05, -2.90
CIELCh	38, 49.133, 356.613
Yxy	9.9272, 0.4353, 0.2573
Android (android.graphics.Color)	4288425823 (0xFF9C2F5F)
YUV	85.0630, 4.8989, 62.2117
Hunter-Lab	31.5074, 39.9964, -0.2581

Details

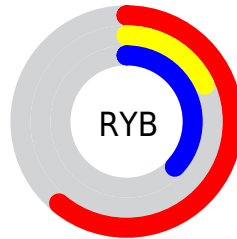
The YUV color **85.0630, 4.8989, 62.2117** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **117.9370, -4.8989, -62.2117**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8030, 2.5621, 65.0708**, and **35.4860, 6.6624, 56.5788** is the 20% darker color. If you saturate the color by 10%, you get **74.6450, 5.5980, 71.3483**, and if you desaturate by 10%, it is **95.4810, 4.1999, 53.0752**.

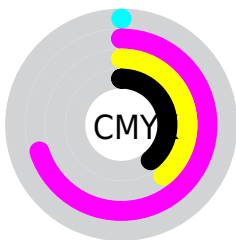
Distribution



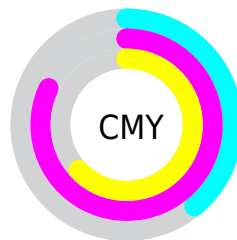
- Red (61%)
- Green (18%)
- Blue (37%)



- Red (61%)
- Yellow (18%)
- Blue (37%)



- Cyan (0%)
- Magenta (70%)
- Yellow (39%)
- Black (39%)




- Cyan (39%)
- Magenta (82%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0630, 4.8989, 62.2117 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 85.0630, 4.8989, 62.2117 by changing the saturation by 10% instead.

 85.0630, 4.8989,
62.2117


 85.0630, 4.8989,
62.2117


255.0000, 0.0000,
0.0000


 54.5840, 8.0931,
64.3858


 139.8030, 2.5621,
65.0708

 35.4860, 6.6624,
56.5788

 167.7000, 2.1199,
66.9151


 25.0190, 1.4696,
42.0793

 189.9160, 4.4784,
57.0787

 14.8790, -6.3493,
29.9241

 209.5440, 8.6058,
39.8649

 0.0000, 0.0000,
0.0000

 229.7590, 12.4438,
22.1364

 246.7820, 4.0515,

■ 85.0630, 4.8989,
62.2117

■ 85.0630, 4.8989,
62.2117

■ 74.6450, 5.5980,
71.3483

■ 95.4810, 4.1999,
53.0752

■ 64.9280, 6.4445,
79.8701

■ 105.1980, 3.3534,
44.5534

■ 54.5100, 7.1436,
89.0067

■ 115.6160, 2.6543,
35.4168

■ 125.4470, 2.2446,
26.7950

■ 135.8650, 1.5456,
17.6584

■ 146.1690, 0.4097,
8.6218

■ 156.0000, 0.0000,
0.0000

■ 166.4180, -0.6991,
-9.1366

■ 176.2490, -1.1088,
-17.7584

Harmonies

Analogous

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



90.4370, 20.9836, 36.4508



85.0630, 4.8989, 62.2117



83.8510, -13.7305, 64.1517

Triad

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



85.0630, 4.8989, 62.2117



78.8800, -38.3948, -5.1568



78.1310, 37.8964, -68.5209

Complementary

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



85.0630, 4.8989, 62.2117



117.9370, -4.8989, -62.2117

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.



76.8310, 22.7613, -67.3808



85.0630, 4.8989, 62.2117



65.2490, -11.4618, -57.2234

Square

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



85.0630, 4.8989, 62.2117



83.0840, -40.9604, 24.4823



71.6840, 5.5788, -62.8669



74.9170, 45.8899, -65.7022

Rectangle

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



85.0630, 4.8989, 62.2117



84.8810, -26.0703, 55.3554



71.6840, 5.5788, -62.8669



78.2790, 33.3865, -68.6507

Sweetspot

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



85.0630, 4.8989, 62.2117



176.0230, 1.9607, 24.5358



77.3660, 38.7666, 25.9890



85.7290, 1.1196, 14.2697



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



85.0630, 4.8989, 62.2117



92.6790, 7.5533, 97.6285



82.5260, -17.5143, 64.4367



73.8480, 0.5679, 4.5183



49.9390, 6.4391, 81.6145



5.2830, 0.8465, 8.5218

Inverse Universe

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



85.0630, 4.8989, 62.2117



92.6790, 7.5533, 97.6285



120.4740, 17.5143, -64.4367



73.8480, 0.5679, 4.5183



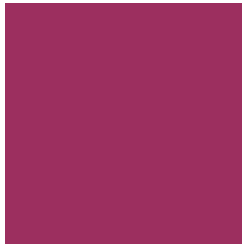
49.9390, 6.4391, 81.6145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 85.0630, 4.8989, 62.2117 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 85.0630, 4.8989, 62.2117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

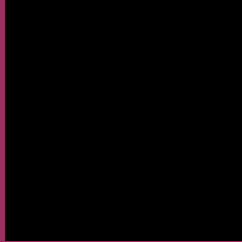
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.0630, 4.8989, 62.2117

Background



This preview shows how black text looks on a background with the YUV color 85.0630, 4.8989, 62.2117.



This preview shows how white text looks on a background with the YUV color 85.0630, 4.8989,

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

85.0630, 4.8989, 62.2117

Protanopia

90.0710, 15.7410, -8.8323

Deuteranopia

90.6310, -0.3111, 6.4626



Tritanopia

85.6440, -13.1355, 59.9482

Trichromacy



Original Color

85.0630, 4.8989, 62.2117

Protanomaly

88.4980, 11.5865, 17.1033

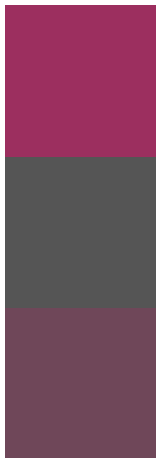
Deuteranomaly

88.3330, 1.8078, 26.8950

Tritanomaly

85.6640, -6.7364, 60.8077

Monochromacy



Original Color

85.0630, 4.8989, 62.2117

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0120, 1.9661, 22.7915

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0630, 4.8989, 62.2117 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(156, 47, 95)` looks like.

```
.text, #text, p{  
    color:rgb(156, 47, 95)  
}
```

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(156, 47, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 47, 95) }
```

Border

The CSS property to change the border of an element to YUV 85.0630, 4.8989, 62.2117 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(156, 47, 95) }
```


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

```
.border{ border-color:rgb(156, 47, 95) }
```

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

Here you see how a box with a 4 pixel rgb(156, 47, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 47, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 47, 95);  
box-shadow:4px 4px 4px 4px rgb(156, 47,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 85.0630, 4.8989, 62.2117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 47, 95) }
```

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

```
.background{ background-color: rgb(156, 47,  
95) }
```

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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