

Converting Colors

YUV(85.5360, 4.1728, 61.7969)

Have a look what the booklet for
YUV(85.5360, 4.1728, 61.7969)
contains.

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Color

**YUV(85.5360, 4.1728,
61.7969)**

Conversions

Conversions Part 1

Format	Color
Hex	9C305E
RGB	156, 48, 94
RGB Percent	61%, 19%, 37%
CMY	0.3882, 0.8118, 0.6314
CMYK	0.00, 0.69, 0.40, 0.39
HSL	334°, 53%, 40%
HSV	334°, 69%, 61%
XYZ	16.7876, 9.9900, 11.6331
YIQ	85.5360, 49.6020, 37.2020

Conversions

Conversions Part 2

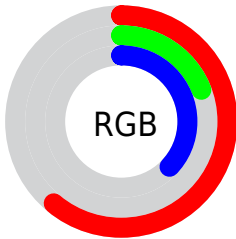
Format	Color
RYB	156, 48, 94
Decimal	10235998
CIELab	37.82, 48.53, -2.10
CIELCh	38, 48.579, 357.521
Yxy	9.9900, 0.4371, 0.2601
Android (android.graphics.Color)	4288426078 (0xFF9C305E)
YUV	85.5360, 4.1728, 61.7969
Hunter-Lab	31.6069, 39.4960, 0.3028

Details

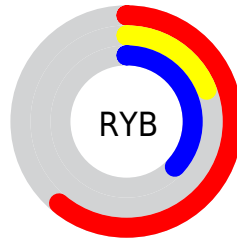
The YUV color **85.5360, 4.1728, 61.7969** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **118.4640, -4.1728, -61.7969**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2760, 1.8359, 64.6559**, and **35.3720, 6.2256, 56.6788** is the 20% darker color. If you saturate the color by 10%, you get **75.1180, 4.8718, 70.9335**, and if you desaturate by 10%, it is **95.9540, 3.4737, 52.6603**.

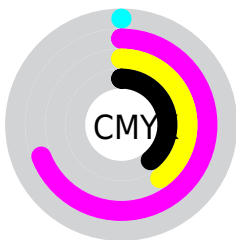
Distribution



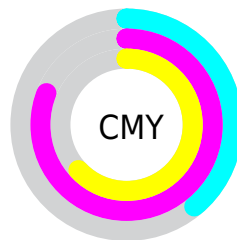
- Red (61%)
- Green (19%)
- Blue (37%)



- Red (61%)
- Yellow (19%)
- Blue (37%)



- Cyan (0%)
- Magenta (69%)
- Yellow (40%)
- Black (39%)



- Cyan (39%)
- Magenta (81%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5360, 4.1728, 61.7969 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 85.5360, 4.1728, 61.7969 by changing the saturation by 10% instead.

85.5360, 4.1728,
61.7969

85.5360, 4.1728,
61.7969

255.0000, 0.0000,
0.0000

55.6440, 7.0775,
63.4562

140.2760, 1.8359,
64.6559

35.3720, 6.2256,
56.6788

168.1730, 1.3937,
66.5003

24.9050, 1.0328,
42.1793

190.3890, 3.7522,
56.6638

14.8790, -6.3493,
29.9241

210.0170, 7.8796,
39.4501

0.0000, 0.0000,
0.0000

229.7590, 12.4438,
22.1364

247.3690, 3.7621,

6.6924

■ 85.5360, 4.1728,
61.7969

■ 85.5360, 4.1728,
61.7969

■ 75.1180, 4.8718,
70.9335

■ 95.9540, 3.4737,
52.6603

■ 65.2870, 5.2815,
79.5553

■ 105.7850, 3.0640,
44.0386

■ 54.8690, 5.9806,
88.6919

■ 116.2030, 2.3649,
34.9020

■ 54.1680, 5.8332,
89.3067

■ 126.0340, 1.9552,
26.2802

■ 136.4520, 1.2562,
17.1436

■ 146.8700, 0.5571,
8.0070

■ 156.7010, 0.1474,
-0.6148

■ 167.1190, -0.5517,
-9.7514

■ 176.9500, -0.9613,
-18.3731

Harmonies

Analogous

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



90.6220, 20.3994, 37.1655



85.5360, 4.1728, 61.7969



84.3240, -14.4567, 63.7369

Triad

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



85.5360, 4.1728, 61.7969



78.9230, -36.9370, -6.0715



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.



85.5360, 4.1728, 61.7969



118.4640, -4.1728, -61.7969

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.



76.9450, 23.1981, -67.4808



85.5360, 4.1728, 61.7969



66.0640, -10.8776, -57.9381

Square

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



85.5360, 4.1728, 61.7969



83.3720, -41.1024, 23.3528



72.3850, 5.7262, -63.4816



74.9170, 45.8899, -65.7022

Rectangle

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



85.5360, 4.1728, 61.7969



85.1690, -26.2123, 54.2258



72.3850, 5.7262, -63.4816



78.2790, 33.3865, -68.6507

Sweetspot

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



85.5360, 4.1728, 61.7969



175.9090, 1.5239, 24.6358



78.5510, 38.1824, 26.7038



85.6150, 0.6828, 14.3696



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.



85.5360, 4.1728, 61.7969



93.7390, 6.5377, 96.6989



84.4010, -17.9457, 62.7923



73.8480, 0.5679, 4.5183



49.7110, 5.5655, 81.8145



5.2830, 0.8465, 8.5218

Inverse Universe

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



85.5360, 4.1728, 61.7969



93.7390, 6.5377, 96.6989



119.5990, 17.9457, -62.7923



73.8480, 0.5679, 4.5183



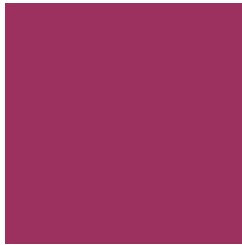
49.7110, 5.5655, 81.8145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 85.5360, 4.1728, 61.7969 looks on a white background.

Color Contrast Check

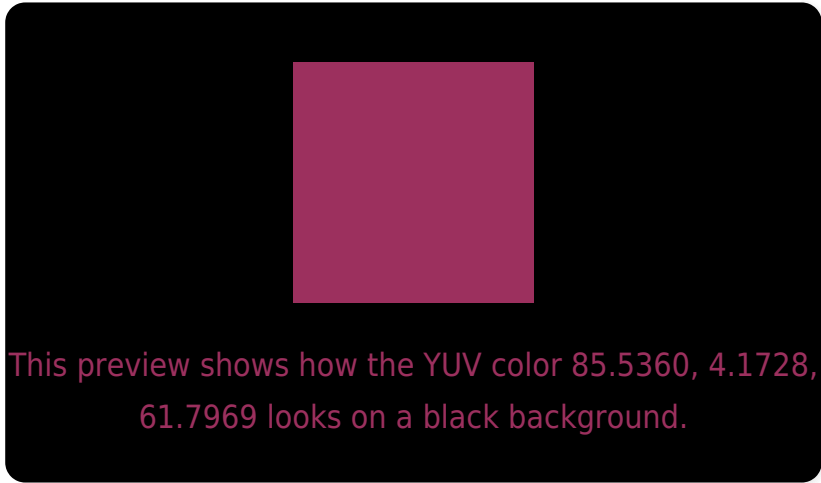
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

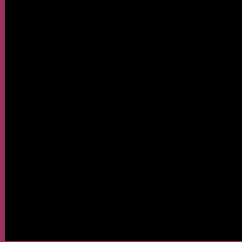
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.5360, 4.1728, 61.7969

Background



This preview shows how black text looks on a background with the YUV color 85.5360, 4.1728, 61.7969.



This preview shows how white text looks on a background with the YUV color 85.5360, 4.1728,

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

85.5360, 4.1728, 61.7969

Protanopia

90.1420, 14.7200, -8.0175

Deuteranopia

90.8160, -0.8953, 7.1774



Tritanopia

85.7580, -12.6987, 59.8482

Trichromacy



Original Color

85.5360, 4.1728, 61.7969

Protanomaly

88.3840, 11.1497, 17.2032

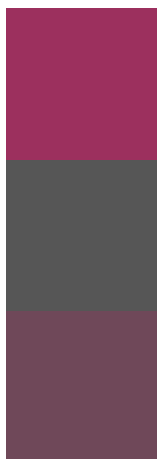
Deuteranomaly

89.1050, 0.9342, 27.0949

Tritanomaly

85.6640, -6.7364, 60.8077

Monochromacy



Original Color

85.5360, 4.1728, 61.7969

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.5990, 1.6767, 22.2767

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5360, 4.1728, 61.7969 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, 48, 94)` looks like.

```
.text, #text, p{  
    color:rgb(156, 48, 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(156, 48, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 48, 94) }
```

Border

The CSS property to change the border of an element to YUV 85.5360, 4.1728, 61.7969 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, 48, 94) }
```


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

```
.border{ border-color:rgb(156, 48, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 48, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 48, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 48, 94);  
box-shadow:4px 4px 4px 4px rgb(156, 48,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 85.5360, 4.1728, 61.7969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 48, 94) }
```

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

```
.background{ background-color: rgb(156, 48,  
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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