

Converting Colors

YUV(62.5580, 11.0639, 91.5956)

Have a look what the booklet for
YUV(62.5580, 11.0639, 91.5956)
contains.

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Color

**YUV(62.5580, 11.0639,
91.5956)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A70555 |
| RGB | 167, 5, 85 |
| RGB Percent | 65%, 2%, 33% |
| CMY | 0.3451, 0.9804, 0.6667 |
| CMYK | 0.00, 0.97, 0.49, 0.35 |
| HSL | 330°, 94%, 34% |
| HSV | 330°, 97%, 65% |
| XYZ | 17.6303, 8.9799, 9.3984 |
| YIQ | 62.5580, 70.8720, 59.2240 |

Conversions

Conversions Part 2

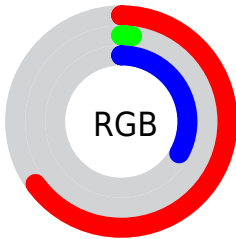
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 167, 5, 85 |
| Decimal | 10945877 |
| CIE Lab | 35.95, 61.25, 1.17 |
| CIE LCh | 36, 61.260, 1.097 |
| Yxy | 8.9799, 0.4896, 0.2494 |
| Android (android.graphics.Color) | 4289135957 (0xFFA70555) |
| YUV | 62.5580, 11.0639, 91.5956 |
| Hunter-Lab | 29.9665, 52.5763, 2.3814 |

Details

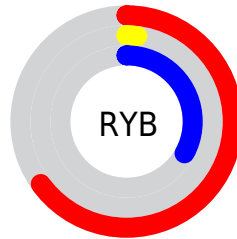
The YUV color **62.5580, 11.0639, 91.5956** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **109.4420, -11.0639, -91.5956**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1090, 1.9183, 84.9734**, and **36.8520, 1.5520, 62.3968** is the 20% darker color. If you saturate the color by 10%, you get **59.2810, 11.2005, 94.4696**, and if you desaturate by 10%, it is **73.4490, 9.6386, 82.0442**.

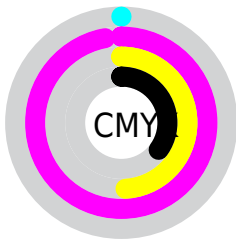
Distribution



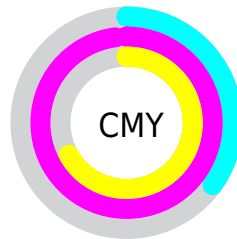
- Red (65%)
- Green (2%)
- Blue (33%)



- Red (65%)
- Yellow (2%)
- Blue (33%)



- Cyan (0%)
- Magenta (97%)
- Yellow (49%)
- Black (35%)





- Cyan (35%)
- Magenta (98%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.5580, 11.0639, 91.5956 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 62.5580, 11.0639, 91.5956 by changing the saturation by 10% instead.

 62.5580, 11.0639,
91.5956


 62.5580, 11.0639,
91.5956


255.0000, 0.0000,
0.0000


 48.3300, 6.7393,
78.6406


 130.1090, 1.9183,
84.9734


 36.8520, 1.5520,
62.3968


 158.4680, 0.7553,
84.6586


 26.2000, -3.0566,
47.1826

 177.9820, 4.4459,
67.5448

 16.0750, -6.9390,
32.3832

 197.6100, 8.5733,
50.3310

 0.5980, -0.2948,
1.2296

 217.8250, 12.4113,
32.6025

 0.0000, 0.0000,
0.0000

 236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 62.5580, 11.0639,
91.5956

■ 62.5580, 11.0639,
91.5956

■ 59.2810, 11.2005,
94.4696

■ 73.4490, 9.6386,
82.0442

■ 83.8670, 8.9396,
72.9076

■ 94.7580, 7.5143,
63.3562

■ 105.7630, 6.5258,
53.7048

■ 116.0670, 5.3900,
44.6682

■ 127.0720, 4.4015,
35.0169

■ 137.9630, 2.9762,
25.4654

■ 148.9680, 1.9878,
15.8141

■ 159.2720, 0.8519,
6.7775

Harmonies

Analogous

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



80.8120, 25.7287, 54.5389



62.5580, 11.0639, 91.5956



71.4510, -16.9843, 81.1655

Triad

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



62.5580, 11.0639, 91.5956



71.9000, -35.4467, -17.4523



78.7810, 45.4640, -69.0909

Complementary

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



62.5580, 11.0639, 91.5956



109.4420, -11.0639, -91.5956

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.



76.9110, 28.1449, -67.4509



62.5580, 11.0639, 91.5956



63.5220, -15.5403, -55.7088

Square

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



62.5580, 11.0639, 91.5956



79.2190, -39.0550, 19.9789



71.3250, 6.7418, -62.5520



74.3930, 54.0363, -65.2427

Rectangle

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



62.5580, 11.0639, 91.5956



75.6620, -37.3014, 64.3174



71.3250, 6.7418, -62.5520



78.8150, 40.5172, -69.1208

Sweetspot

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



62.5580, 11.0639, 91.5956



176.3710, 4.2541, 35.6316



47.6870, 58.8213, 33.6005



84.8270, 2.5503, 22.0767



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



62.5580, 11.0639, 91.5956



77.0810, 14.7501, 122.7090



53.4380, -23.8799, 99.5939



78.8480, 0.5679, 4.5183



52.5740, 10.0700, 83.6886



7.1200, 1.4198, 11.2958

Inverse Universe

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



62.5580, 11.0639, 91.5956



77.0810, 14.7501, 122.7090



118.5620, 23.8799, -99.5939



78.8480, 0.5679, 4.5183



52.5740, 10.0700, 83.6886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 62.5580, 11.0639, 91.5956 looks on a white background.

Color Contrast Check

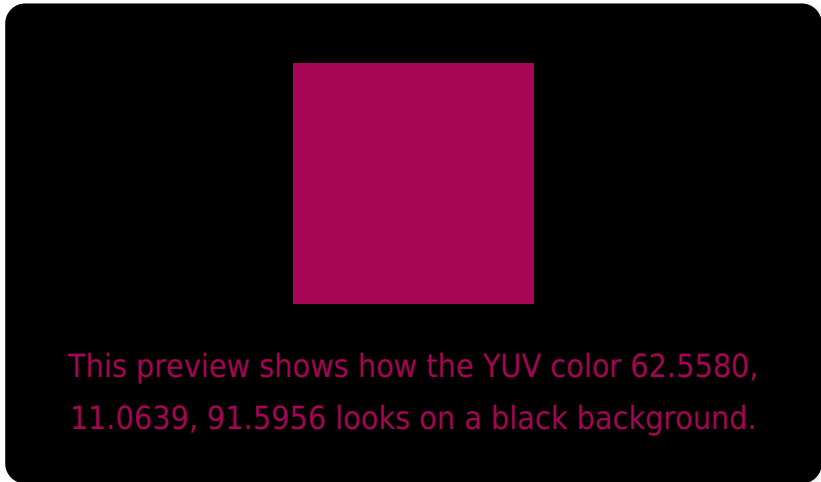
Large Text (above 18pt) WCAG AA ✓ Pass

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

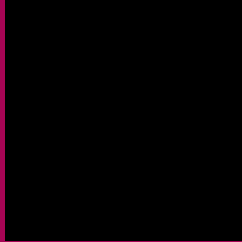
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.5580, 11.0639, 91.5956

Background



This preview shows how black text looks on a background with the YUV color 62.5580, 11.0639, 91.5956.



This preview shows how white text looks on a background with the YUV color 62.5580, 11.0639,

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

62.5580, 11.0639, 91.5956

Protanopia

87.2280, 17.6356, -9.8470

Deuteranopia

87.8010, -4.8319, 9.8215



Tritanopia

73.1690, -19.3103, 80.5358

Trichromacy



Original Color

62.5580, 11.0639, 91.5956

Protanomaly

78.4760, 15.0483, 26.7695

Deuteranomaly

78.5950, 1.1857, 39.8202

Tritanomaly

69.1770, -7.9753, 84.9138

Monochromacy



Original Color

62.5580, 11.0639, 91.5956

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9470, 3.9701, 33.3725

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.5580, 11.0639, 91.5956 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(167, 5, 85)` looks like.

```
.text, #text, p{  
    color:rgb(167, 5, 85)  
}
```

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(167, 5, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 5, 85) }
```

Border

The CSS property to change the border of an element to YUV 62.5580, 11.0639, 91.5956 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(167, 5, 85) }
```


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

```
.border{ border-color:rgb(167, 5, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 5, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 5, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 5, 85);  
box-shadow:4px 4px 4px 4px rgb(167, 5, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.5580, 11.0639, 91.5956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 5, 85) }
```

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

```
.background{ background-color: rgb(167, 5,  
85) }
```

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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