

Converting Colors

YUV(91.5230, -6.1738, 67.0703)

Have a look what the booklet for
YUV(91.5230, -6.1738, 67.0703)
contains.

YUV(91.5230, -6.1738, 67.0703)	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(91.5230, -6.1738,
67.0703)**

Conversions

Conversions Part 1

Format	Color
Hex	A8374F
RGB	168, 55, 79
RGB Percent	66%, 22%, 31%
CMY	0.3412, 0.7843, 0.6902
CMYK	0.00, 0.67, 0.53, 0.34
HSL	347°, 51%, 44%
HSV	347°, 67%, 66%
XYZ	18.9259, 11.6217, 8.6428
YIQ	91.5230, 59.6440, 31.4200

Conversions

Conversions Part 2

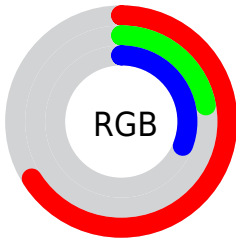
Format	Color
R_{YB}	168, 55, 79
Decimal	11024207
CIE _{Lab}	40.61, 47.97, 11.65
CIE _{LCh}	41, 49.365, 13.648
Yxy	11.6217, 0.4829, 0.2965
Android (android.graphics.Color)	4289214287 (0xFFA8374F)
YUV	91.5230, -6.1738, 67.0703
Hunter-Lab	34.0906, 39.4383, 8.8319

Details

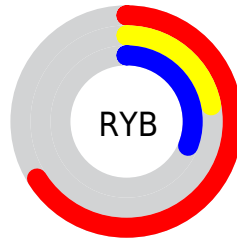
The YUV color **91.5230, -6.1738, 67.0703** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **131.4770, 6.1738, -67.0703**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4480, -9.0949, 70.6441**, and **36.8800, -0.9268, 64.1262** is the 20% darker color. If you saturate the color by 10%, you get **80.0620, -6.9326, 77.1216**, and if you desaturate by 10%, it is **102.9840, -5.4151, 57.0190**.

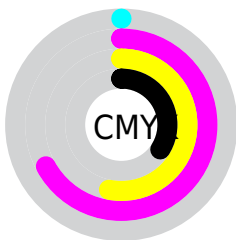
Distribution



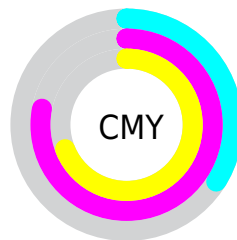
- Red (66%)
- Green (22%)
- Blue (31%)



- Red (66%)
- Yellow (22%)
- Blue (31%)



- Cyan (0%)
- Magenta (67%)
- Yellow (53%)
- Black (34%)



- Cyan (34%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.5230, -6.1738, 67.0703 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 91.5230, -6.1738, 67.0703 by changing the saturation by 10% instead.

■ 91.5230, -6.1738,
67.0703

■ 91.5230, -6.1738,
67.0703

■ 255.0000, 0.0000,
0.0000

■ 62.6200, -3.2637,
66.9853

■ 146.4480, -9.0949,
70.6441

■ 36.8800, -0.9268,
64.1262

■ 173.6330, -9.6791,
71.3589

■ 26.1140, -5.9722,
49.0120

■ 192.5600, -5.6991,
54.7599

■ 17.2710, -7.5286,
34.8423

■ 212.0740, -2.0085,
37.6461

■ 5.3820, -2.6533,
11.0660

■ 232.2890, 1.8295,
19.9175

■ 0.0000, 0.0000,
0.0000

■ 251.4780, 1.7363,

3.0888

■ 91.5230, -6.1738,
67.0703

■ 91.5230, -6.1738,
67.0703

■ 80.0620, -6.9326,
77.1216

■ 102.9840, -5.4151,
57.0190

■ 68.6010, -7.6913,
87.1729

■ 114.4450, -4.6564,
46.9677

■ 57.6130, -9.1762,
96.8094

■ 125.4330, -3.1715,
37.3313

■ 54.3360, -9.0396,
99.6833

■ 136.8940, -2.4127,
27.2800

■ 148.3550, -1.6540,
17.2287

■ 159.8160, -0.8953,
7.1774

■ 171.3910, 0.3002,
-2.9739

■ 182.2650, 1.3484,
-12.5104

■ 193.7260, 2.1071,
-22.5617

Harmonies

Analogous

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



95.2560, 12.1988, 54.1495



91.5230, -6.1738, 67.0703



91.8320, -25.0602, 58.0293

Triad

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



91.5230, -6.1738, 67.0703



82.2930, -24.7944, -27.4440



81.9440, 44.8906, -71.8649

Complementary

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



91.5230, -6.1738, 67.0703



131.4770, 6.1738, -67.0703

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.



83.5450, 33.2553, -73.2690



91.5230, -6.1738, 67.0703



74.4250, -1.6885, -65.2707

Square

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



91.5230, -6.1738, 67.0703



88.0020, -43.3850, 8.7682



80.5010, 16.5150, -70.5994



87.9850, 42.8984, -39.4518

Rectangle

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



91.5230, -6.1738, 67.0703



91.7690, -36.3681, 44.9296



80.5010, 16.5150, -70.5994



83.1350, 41.8384, -72.9094

Sweetspot

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



91.5230, -6.1738, 67.0703



189.2960, -2.1179, 26.0504



94.4930, 36.2390, 43.4176



91.7570, -1.3592, 15.9991



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.



91.5230, -6.1738, 67.0703



99.1410, -9.9295, 105.1163



107.5710, -25.9175, 52.9962



78.6200, -0.3057, 4.7183



47.7860, -8.2755, 87.8877



6.4360, -1.2009, 11.8956

Inverse Universe

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



91.5230, -6.1738, 67.0703



99.1410, -9.9295, 105.1163



115.4290, 25.9175, -52.9962



78.6200, -0.3057, 4.7183



47.7860, -8.2755, 87.8877



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 91.5230, -6.1738, 67.0703 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 91.5230, -6.1738, 67.0703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

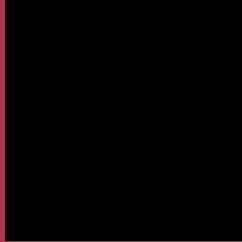
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.5230, -6.1738, 67.0703

Background



This preview shows how black text looks on a background with the YUV color 91.5230, -6.1738, 67.0703.



This preview shows how white text looks on a background with the YUV color 91.5230, -6.1738,

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

91.5230, -6.1738, 67.0703

Protanopia

96.7550, 1.5998, 0.2149

Deuteranopia

97.1130, -11.3947, 14.8099



Tritanopia

91.0470, -14.3202, 66.6108

Trichromacy



Original Color

91.5230, -6.1738, 67.0703

Protanomaly

94.8120, -1.3863, 24.7209

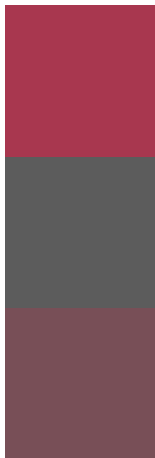
Deuteranomaly

95.1030, -9.4178, 34.1127

Tritanomaly

91.1440, -11.4100, 66.5257

Monochromacy



Original Color

91.5230, -6.1738, 67.0703

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.1710, -2.5493, 24.4060

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.5230, -6.1738, 67.0703 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(168, 55, 79)` looks like.

```
.text, #text, p{  
    color:rgb(168, 55, 79)  
}
```

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(168, 55, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 55, 79) }
```

Border

The CSS property to change the border of an element to YUV 91.5230, -6.1738, 67.0703 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(168, 55, 79) }
```


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

```
.border{ border-color:rgb(168, 55, 79) }
```

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

Here you see how a box with a 4 pixel rgb(168, 55, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 55, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 55, 79);  
box-shadow:4px 4px 4px 4px rgb(168, 55,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 91.5230, -6.1738, 67.0703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 55, 79) }
```

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

```
.background{ background-color: rgb(168, 55,  
79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor