

Converting Colors

YUV(77.2390, 18.1232, 67.3194)

Have a look what the booklet for
YUV(77.2390, 18.1232, 67.3194)
contains.

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Color

**YUV(77.2390, 18.1232,
67.3194)**

Conversions

Conversions Part 1

Format	Color
Hex	9A1F72
RGB	154, 31, 114
RGB Percent	60%, 12%, 45%
CMY	0.3961, 0.8784, 0.5529
CMYK	0.00, 0.80, 0.26, 0.40
HSL	320°, 66%, 36%
HSV	320°, 80%, 60%
XYZ	16.8537, 9.0649, 16.7810
YIQ	77.2390, 46.6650, 51.8890

Conversions

Conversions Part 2

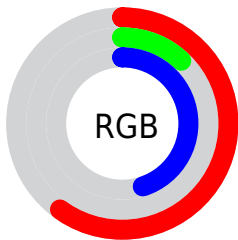
Format	Color
RYB	154, 31, 114
Decimal	10100594
CIELab	36.11, 56.29, -17.39
CIElCh	36, 58.919, 342.836
Yxy	9.0649, 0.3947, 0.2123
Android (android.graphics.Color)	4288290674 (0xFF9A1F72)
YUV	77.2390, 18.1232, 67.3194
Hunter-Lab	30.1080, 47.2308, -11.9703

Details

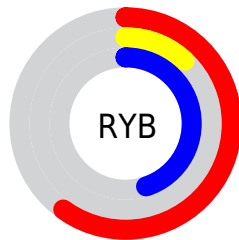
The YUV color **77.2390, 18.1232, 67.3194** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **107.7610, -18.1232, -67.3194**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1420, 15.2130, 67.4045**, and **36.8260, 14.3828, 53.6496** is the 20% darker color. If you saturate the color by 10%, you get **67.8640, 20.2800, 75.5413**, and if you desaturate by 10%, it is **86.6140, 15.9663, 59.0975**.

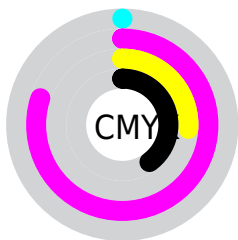
Distribution



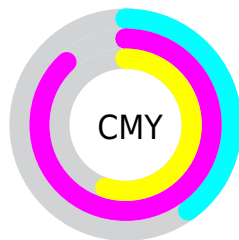
- Red (60%)
- Green (12%)
- Blue (45%)



- Red (60%)
- Yellow (12%)
- Blue (45%)



- Cyan (0%)
- Magenta (80%)
- Yellow (26%)
- Black (40%)



- Cyan (40%)
- Magenta (88%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2390, 18.1232, 67.3194 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 77.2390, 18.1232, 67.3194 by changing the saturation by 10% instead.

■ 77.2390, 18.1232,
67.3194

■ 77.2390, 18.1232,
67.3194

■ 255.0000, 0.0000,
0.0000

■ 47.8200, 20.3017,
68.5639

■ 135.1420, 15.2130,
67.4045

■ 36.8260, 14.3828,
53.6496

■ 162.7400, 14.9182,
68.6340

■ 26.2450, 8.7532,
39.2501

■ 186.5540, 16.9819,
60.0271

■ 16.3760, 3.2656,
25.9802

■ 206.2960, 21.5461,
42.7134

■ 0.0000, 0.0000,
0.0000

■ 223.8890, 15.3377,
27.2843

■ 240.9120, 6.9454,

12.3552

■ 77.2390, 18.1232,
67.3194

■ 77.2390, 18.1232,
67.3194

■ 67.8640, 20.2800,
75.5413

■ 86.6140, 15.9663,
59.0975

■ 57.9020, 22.7263,
84.2779

■ 96.5760, 13.5200,
50.3608

■ 105.9510, 11.3632,
42.1390

■ 115.9130, 8.9169,
33.4023

■ 125.2880, 6.7600,
25.1804

■ 134.6630, 4.6031,
16.9585

■ 144.6250, 2.1569,
8.2219

■ 154.0000, 0.0000,
0.0000

■ 163.9620, -2.4463,
-8.7367

Harmonies

Analogous

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



86.6660, 33.6887, 21.3409



77.2390, 18.1232, 67.3194



69.5990, -1.2813, 84.5437

Triad

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



77.2390, 18.1232, 67.3194



77.9570, -38.4328, 7.0537



78.0340, 34.9862, -68.4358

Complementary

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



77.2390, 18.1232, 67.3194



107.7610, -18.1232, -67.3194

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.



73.6050, 15.4777, -64.5516



77.2390, 18.1232, 67.3194



64.9900, -32.0401, -36.8252

Square

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



77.2390, 18.1232, 67.3194



80.5250, -39.6988, 39.8816



67.3180, -6.0728, -59.0379



77.5900, 48.5161, -68.0464

Rectangle

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



77.2390, 18.1232, 67.3194



74.6630, -18.5679, 75.7175



67.3180, -6.0728, -59.0379



77.0250, 28.5817, -67.5509

Sweetspot

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



77.2390, 18.1232, 67.3194



171.1140, 7.3388, 26.2100



56.6830, 47.9773, 11.6790



83.2500, 4.3137, 16.4438



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.



77.2390, 18.1232, 67.3194



80.6410, 28.7710, 105.5548



70.3990, -8.0847, 73.3181



71.9620, 1.0047, 4.4183



52.6900, 20.8588, 76.5709



4.9130, 2.0149, 7.0923

Inverse Universe

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



77.2390, 18.1232, 67.3194



80.6410, 28.7710, 105.5548



114.6010, 8.0847, -73.3181



71.9620, 1.0047, 4.4183



52.6900, 20.8588, 76.5709



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 77.2390, 18.1232, 67.3194 looks on a white background.

Color Contrast Check

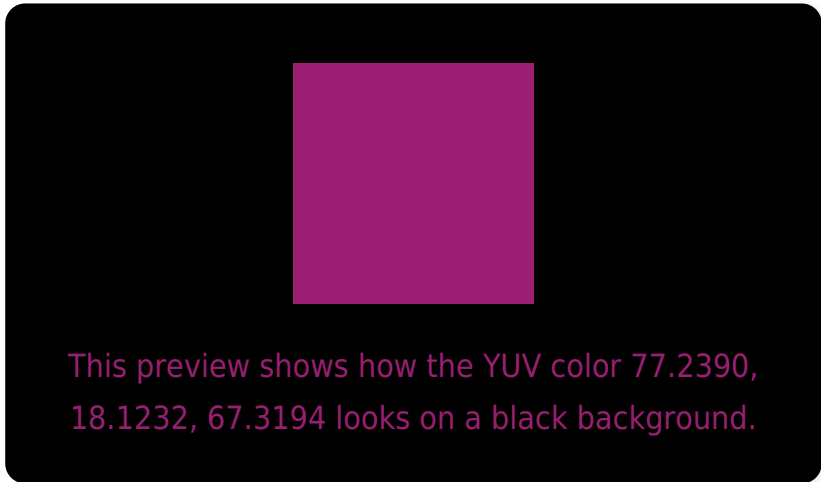
Large Text (above 18pt) WCAG AA ✓ Pass

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

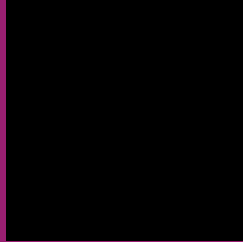
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.2390, 18.1232, 67.3194

Background



This preview shows how black text looks on a background with the YUV color 77.2390, 18.1232, 67.3194.



This preview shows how white text looks on a background with the YUV color 77.2390, 18.1232,

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

77.2390, 18.1232, 67.3194

Protanopia

82.7110, 35.1455, -26.0565

Deuteranopia

87.2090, 9.7570, -2.8143



Tritanopia

81.3450, -12.9881, 59.3334

Trichromacy



Original Color

77.2390, 18.1232, 67.3194

Protanomaly

80.9110, 28.6379, 7.9711

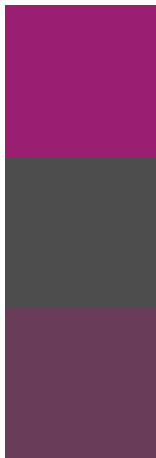
Deuteranomaly

83.2860, 13.1700, 22.5512

Tritanomaly

79.6410, -1.7950, 62.5818

Monochromacy



Original Color

77.2390, 18.1232, 67.3194

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8750, 6.4706, 24.6656

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2390, 18.1232, 67.3194 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(154, 31, 114)` looks like.

```
.text, #text, p{  
    color:rgb(154, 31, 114)  
}
```

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(154, 31, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 31, 114) }
```

Border

The CSS property to change the border of an element to YUV 77.2390, 18.1232, 67.3194 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(154, 31, 114) }
```


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

```
.border{ border-color:rgb(154, 31, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 31, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 31, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 31, 114);  
box-shadow:4px 4px 4px 4px rgb(154, 31,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 77.2390, 18.1232, 67.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 31, 114) }
```

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

```
.background{ background-color: rgb(154, 31,  
114) }
```

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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