

Converting Colors

YUV(77.4040, -5.6222, 76.8217)

Have a look what the booklet for
YUV(77.4040, -5.6222, 76.8217)
contains.

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Color

**YUV(77.4040, -5.6222,
76.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	A52342
RGB	165, 35, 66
RGB Percent	65%, 14%, 26%
CMY	0.3529, 0.8627, 0.7412
CMYK	0.00, 0.79, 0.60, 0.35
HSL	346°, 65%, 39%
HSV	346°, 79%, 65%
XYZ	17.1015, 9.5947, 6.1049
YIQ	77.4040, 67.5290, 37.2010

Conversions

Conversions Part 2

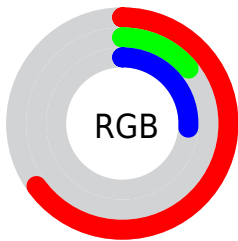
Format	Color
RYB	165, 35, 66
Decimal	10822466
CIELab	37.11, 53.37, 15.01
CIElCh	37, 55.442, 15.710
Yxy	9.5947, 0.5214, 0.2925
Android (android.graphics.Color)	4289012546 (0xFFA52342)
YUV	77.4040, -5.6222, 76.8217
Hunter-Lab	30.9754, 44.3426, 9.9974

Details

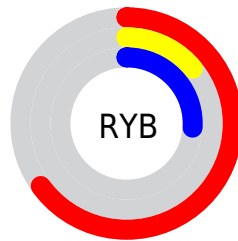
The YUV color **77.4040, -5.6222, 76.8217** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **122.5960, 5.6222, -76.8217**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8620, -10.2850, 79.0510**, and **34.4300, -5.1420, 62.7669** is the 20% darker color. If you saturate the color by 10%, you get **66.5300, -6.6703, 86.3582**, and if you desaturate by 10%, it is **88.8650, -4.8634, 66.7704**.

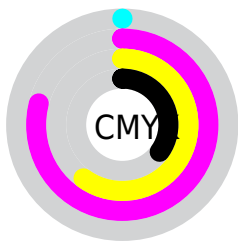
Distribution



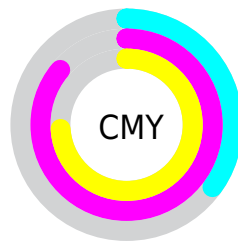
- Red (65%)
- Green (14%)
- Blue (26%)



- Red (65%)
- Yellow (14%)
- Blue (26%)



- Cyan (0%)
- Magenta (79%)
- Yellow (60%)
- Black (35%)



- Cyan (35%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.4040, -5.6222, 76.8217 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 77.4040, -5.6222, 76.8217 by changing the saturation by 10% instead.

■ 77.4040, -5.6222,
76.8217

■ 77.4040, -5.6222,
76.8217

■ 255.0000, 0.0000,
0.0000

■ 45.3810, -0.6808,
78.5959

■ 134.8620,
-10.2850, 79.0510

■ 34.4300, -5.1420,
62.7669

■ 162.5310,
-11.6008, 81.0953

■ 23.3220, -11.4977,
47.9526

■ 181.9310, -8.3470,
64.0815

■ 15.4770, -6.6442,
31.1537

■ 201.4450, -4.6564,
46.9677

■ 0.0000, 0.0000,
0.0000

■ 221.0730, -0.5290,
29.7540

■ 241.4020, 3.7458,

11.9254

■ 77.4040, -5.6222,
76.8217

■ 77.4040, -5.6222,
76.8217

■ 66.5300, -6.6703,
86.3582

■ 88.8650, -4.8634,
66.7704

■ 55.1830, -6.9922,
96.3095

■ 99.6250, -4.2521,
57.3339

■ 53.7810, -7.2870,
97.5391

■ 111.0860, -3.4934,
47.2826

■ 121.8460, -2.8821,
37.8461

■ 133.3070, -2.1234,
27.7948

■ 144.0670, -1.5120,
18.3582

■ 155.5280, -0.7533,
8.3069

■ 166.4020, 0.2948,
-1.2296

■ 177.7490, 0.6167,
-11.1809

Harmonies

Analogous

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



81.8920, 14.3502, 64.1157



77.4040, -5.6222, 76.8217



80.9420, -28.5654, 62.3179

Triad

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



77.4040, -5.6222, 76.8217



68.0590, -26.6511, -38.6397



77.9490, 47.3531, -68.3613

Complementary

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



77.4040, -5.6222, 76.8217



122.5960, 5.6222, -76.8217

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.



78.8490, 35.5704, -69.1506



77.4040, -5.6222, 76.8217



69.5180, -2.7204, -60.9673

Square

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



77.4040, -5.6222, 76.8217



79.4190, -39.1536, 4.8945



75.3490, 17.0829, -66.0811



73.0200, 49.7831, -54.3915

Rectangle

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



77.4040, -5.6222, 76.8217



82.0420, -40.4467, 46.4442



75.3490, 17.0829, -66.0811



79.1400, 44.3010, -69.4058

Sweetspot

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



77.4040, -5.6222, 76.8217



179.6170, -2.2762, 30.1539



78.8230, 42.4853, 46.6362



86.0670, -1.5120, 18.3582



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



77.4040, -5.6222, 76.8217



77.1690, -8.9573, 120.0008



93.2410, -28.7128, 62.9326



75.9190, -0.4531, 5.3330



47.3450, -6.0861, 85.6434



5.8380, -0.9061, 10.6661

Inverse Universe

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



77.4040, -5.6222, 76.8217



77.1690, -8.9573, 120.0008



106.7590, 28.7128, -62.9326



75.9190, -0.4531, 5.3330



47.3450, -6.0861, 85.6434



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 77.4040, -5.6222, 76.8217 looks on a white background.

Color Contrast Check

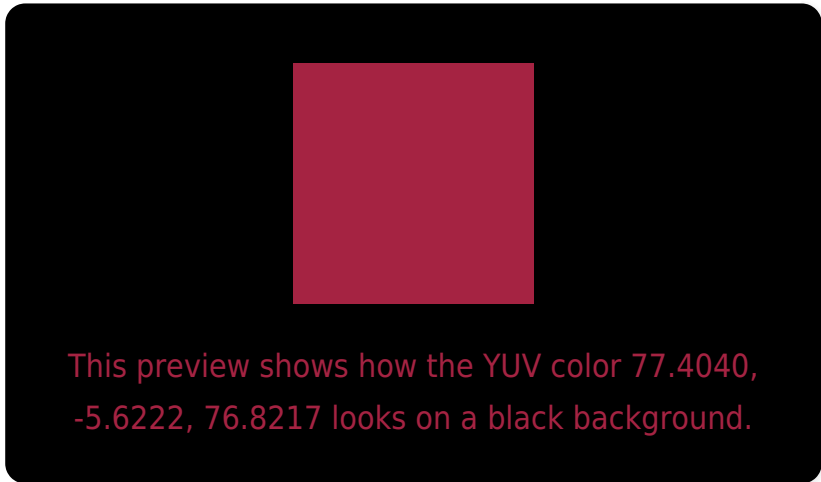
Large Text (above 18pt) WCAG AA ✓ Pass

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

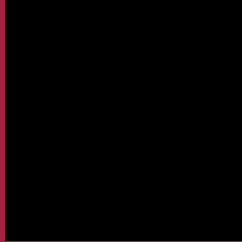
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.4040, -5.6222, 76.8217

Background



This preview shows how black text looks on a background with the YUV color 77.4040, -5.6222, 76.8217.



This preview shows how white text looks on a background with the YUV color 77.4040, -5.6222,

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

77.4040, -5.6222, 76.8217

Protanopia

88.8260, 0.5788, 1.0296

Deuteranopia

88.4290, -14.0155, 15.4098



Tritanopia

77.8910, -17.6943, 75.5176

Trichromacy



Original Color

77.4040, -5.6222, 76.8217

Protanomaly

84.7200, -1.8340, 28.3096

Deuteranomaly

84.3700, -11.0284, 37.3865

Tritanomaly

77.7430, -13.1843, 75.6474

Monochromacy



Original Color

77.4040, -5.6222, 76.8217

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3070, -2.1234, 27.7948

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.4040, -5.6222, 76.8217 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(165, 35, 66)` looks like.

```
.text, #text, p{  
    color:rgb(165, 35, 66)  
}
```

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(165, 35, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 35, 66) }
```

Border

The CSS property to change the border of an element to YUV 77.4040, -5.6222, 76.8217 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(165, 35, 66) }
```


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

```
.border{ border-color:rgb(165, 35, 66) }
```

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

Here you see how a box with a 4 pixel rgb(165, 35, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 35, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 35, 66);  
box-shadow:4px 4px 4px 4px rgb(165, 35,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 77.4040, -5.6222, 76.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 35, 66) }
```

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

```
.background{ background-color: rgb(165, 35,  
66) }
```

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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