

Converting Colors

YUV(77.3680, 25.9476, 77.7303)

Have a look what the booklet for
YUV(77.3680, 25.9476, 77.7303)
contains.

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Color

**YUV(77.3680, 25.9476,
77.7303)**

Conversions

Conversions Part 1

Format	Color
Hex	A61682
RGB	166, 22, 130
RGB Percent	65%, 9%, 51%
CMY	0.3490, 0.9137, 0.4902
CMYK	0.00, 0.87, 0.22, 0.35
HSL	315°, 77%, 37%
HSV	315°, 87%, 65%
XYZ	20.0421, 10.2925, 22.0494
YIQ	77.3680, 51.1560, 64.1160

Conversions

Conversions Part 2

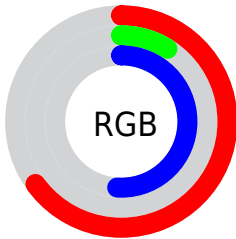
Format	Color
RYB	166, 22, 130
Decimal	10884738
CIELab	38.36, 63.28, -23.72
CIELCh	38, 67.582, 339.454
Yxy	10.2925, 0.3826, 0.1965
Android (android.graphics.Color)	4289074818 (0xFFA61682)
YUV	77.3680, 25.9476, 77.7303
Hunter-Lab	32.0820, 55.3681, -18.2917

Details

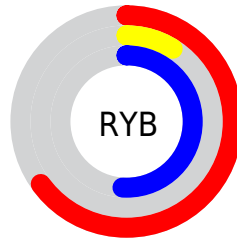
The YUV color **77.3680, 25.9476, 77.7303** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **110.6320, -25.9476, -77.7303**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.7930, 21.3011, 74.7265**, and **41.7110, 18.8765, 59.0125** is the 20% darker color. If you saturate the color by 10%, you get **66.9330, 29.1200, 86.8818**, and if you desaturate by 10%, it is **87.8030, 22.7751, 68.5788**.

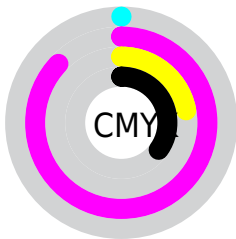
Distribution



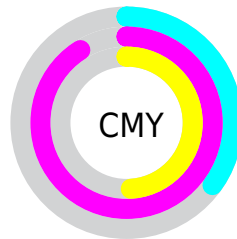
- Red (65%)
- Green (9%)
- Blue (51%)



- Red (65%)
- Yellow (9%)
- Blue (51%)



- Cyan (0%)
- Magenta (87%)
- Yellow (22%)
- Black (35%)



- Cyan (35%)
- Magenta (91%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3680, 25.9476, 77.7303 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 77.3680, 25.9476, 77.7303 by changing the saturation by 10% instead.

■ 77.3680, 25.9476,
77.7303

■ 77.3680, 25.9476,
77.7303

255.0000, 0.0000,
0.0000

■ 52.9330, 25.6690,
73.7268

■ 139.7930, 21.3011,
74.7265

■ 41.7110, 18.8765,
59.0125

■ 168.3910, 21.0062,
75.9561

■ 31.0160, 12.8101,
44.7130

■ 188.6060, 24.8442,
58.2275

■ 21.1470, 7.3225,
31.4431

■ 206.8660, 23.7301,
42.2135

■ 8.2020, 0.3934,
13.8548

■ 223.8890, 15.3377,
27.2843

■ 0.0000, 0.0000,
0.0000

■ 240.9120, 6.9454,

12.3552

■ 77.3680, 25.9476,
77.7303

■ 77.3680, 25.9476,
77.7303

■ 66.9330, 29.1200,
86.8818

■ 87.8030, 22.7751,
68.5788

■ 63.7700, 29.6934,
89.6557

■ 97.6510, 19.8921,
59.9421

■ 108.0860, 16.7196,
50.7906

■ 118.0480, 14.2733,
42.0539

■ 128.4830, 11.1009,
32.9024

■ 138.9180, 7.9284,
23.7509

■ 148.7660, 5.0454,
15.1142

■ 159.2010, 1.8729,
5.9627

■ 169.0490, -1.0102,
-2.6740

Harmonies

Analogous

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



91.1090, 41.8513, 16.5674



77.3680, 25.9476, 77.7303



63.3810, 6.2212, 104.9059

Triad

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



77.3680, 25.9476, 77.7303



83.8820, -41.3538, 10.6275



83.8700, 37.0391, -73.5540

Complementary

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



77.3680, 25.9476, 77.7303



110.6320, -25.9476, -77.7303

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.



78.5290, 14.0362, -68.8699



77.3680, 25.9476, 77.7303



69.1100, -34.0712, -38.6845

Square

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



77.3680, 25.9476, 77.7303



84.7110, -41.7625, 48.4885



70.7430, -10.7193, -62.0416



84.9250, 53.7740, -74.4792

Rectangle

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



77.3680, 25.9476, 77.7303



71.2830, -15.4225, 93.5908



70.7430, -10.7193, -62.0416



82.6330, 29.7609, -72.4691

Sweetspot

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



77.3680, 25.9476, 77.7303



181.9450, 10.3801, 30.7432



49.1800, 57.5923, 7.7351



89.0160, 5.9081, 18.4030



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.



77.3680, 25.9476, 77.7303



83.4650, 39.2108, 117.1102



69.1600, -5.5019, 84.9287



79.0760, 1.4415, 4.3183



56.9060, 26.6683, 79.8894



7.6900, 3.6038, 10.7959

Inverse Universe

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



77.3680, 25.9476, 77.7303



83.4650, 39.2108, 117.1102



118.8400, 5.5019, -84.9287



79.0760, 1.4415, 4.3183



56.9060, 26.6683, 79.8894



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 77.3680, 25.9476, 77.7303 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 77.3680, 25.9476, 77.7303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

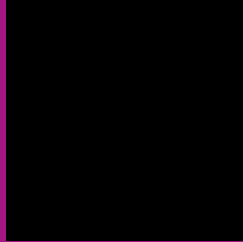
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.3680, 25.9476, 77.7303

Background



This preview shows how black text looks on a background with the YUV color 77.3680, 25.9476, 77.7303.



This preview shows how white text looks on a background with the YUV color 77.3680, 25.9476,

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

77.3680, 25.9476, 77.7303

Protanopia

83.2280, 47.7086, -42.2960

Deuteranopia

91.8540, 14.8620, -6.8880



Tritanopia

86.0360, -14.3147, 64.8664

Trichromacy



Original Color

77.3680, 25.9476, 77.7303

Protanomaly

81.4400, 39.7161, 1.3681

Deuteranomaly

86.4910, 18.9849, 24.1254

Tritanomaly

82.6680, 0.6567, 69.5742

Monochromacy



Original Color

77.3680, 25.9476, 77.7303

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9940, 9.3700, 28.0693

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3680, 25.9476, 77.7303 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(166, 22, 130)` looks like.

```
.text, #text, p{  
    color:rgb(166, 22, 130)  
}
```

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(166, 22, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 22, 130) }
```

Border

The CSS property to change the border of an element to YUV 77.3680, 25.9476, 77.7303 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(166, 22, 130) }
```


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

```
.border{ border-color:rgb(166, 22, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 22, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 22, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 22, 130); box-shadow:4px 4px 4px 4px rgb(166, 22, 130) }
```

Background

The CSS property to change the background color of an element to YUV 77.3680, 25.9476, 77.7303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 22, 130) }
```

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

```
.background{ background-color: rgb(166, 22,  
130) }
```

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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