

Converting Colors

YUV(77.6880, -26.4682,
89.7276)

Have a look what the booklet for
YUV(77.6880, -26.4682, 89.7276)
contains.

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Color

**YUV(77.6880, -26.4682,
89.7276)**

Conversions

Conversions Part 1

Format	Color
Hex	B42418
RGB	180, 36, 24
RGB Percent	71%, 14%, 9%
CMY	0.2941, 0.8588, 0.9059
CMYK	0.00, 0.80, 0.87, 0.29
HSL	5°, 76%, 40%
HSV	5°, 87%, 71%
XYZ	19.6181, 11.0310, 1.9594
YIQ	77.6880, 89.6760, 26.7960

Conversions

Conversions Part 2

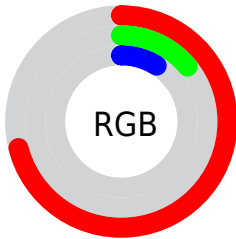
Format	Color
RYB	180, 37, 24
Decimal	11805720
CIELab	39.63, 55.69, 43.51
CIElCh	40, 70.674, 37.997
Yxy	11.0310, 0.6016, 0.3383
Android (android.graphics.Color)	4289995800 (0xFFB42418)
YUV	77.6880, -26.4682, 89.7276
Hunter-Lab	33.2129, 47.3133, 19.7513

Details

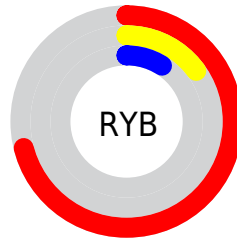
The YUV color **77.6880, -26.4682, 89.7276** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **126.3120, 26.4682, -89.7276**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4020, -32.7362, 93.4864**, and **35.2820, -17.3940, 72.5437** is the 20% darker color. If you saturate the color by 10%, you get **65.6570, -29.4109, 100.2788**, and if you desaturate by 10%, it is **89.7190, -23.5255, 79.1764**.

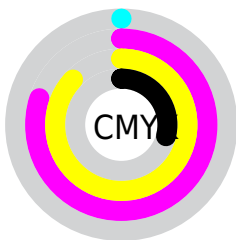
Distribution



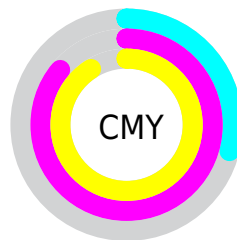
- Red (71%)
- Green (14%)
- Blue (9%)



- Red (71%)
- Yellow (15%)
- Blue (9%)



- Cyan (0%)
- Magenta (80%)
- Yellow (87%)
- Black (29%)



- Cyan (29%)
- Magenta (86%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.6880, -26.4682, 89.7276 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 77.6880, -26.4682, 89.7276 by changing the saturation by 10% instead.

■ 77.6880, -26.4682,
89.7276

■ 77.6880, -26.4682,
89.7276

255.0000, 0.0000,
0.0000

■ 44.5510, -21.9636,
91.6018

■ 136.4020,
-32.7362, 93.4864

■ 35.2820, -17.3940,
72.5437

■ 158.5750,
-31.8355, 84.5647

■ 26.3120, -12.9718,
54.1004

■ 177.9750,
-28.5817, 67.5509

■ 18.5810, -7.6814,
37.2015

■ 197.9620,
-25.6173, 50.0223


■ 6.8770, -3.3904,
14.1399


■ 217.3620,
-22.3635, 33.0085


■ 0.0000, 0.0000,
0.0000


■ 238.1640,


-18.8149, 14.7652


 251.9220,
-11.7935, 2.6994


 77.6880, -26.4682,
89.7276


 77.6880, -26.4682,
89.7276

 65.6570, -29.4109,
100.2788


 89.7190, -23.5255,
79.1764

 62.0380, -30.5847,
103.4527

 101.1630,
-20.2934, 69.1400

 113.1940,
-17.3506, 58.5889

 124.6380,
-14.1185, 48.5525

 136.6690,
-11.1758, 38.0013

■ 148.7000, -8.2331,
27.4501

■ 160.1440, -5.0010,
17.4137

■ 172.1750, -2.0583,
6.8625

■ 184.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



66.3430, 7.2259, 109.3242



77.6880, -26.4682, 89.7276



87.6900, -43.2312, 52.8919

Triad

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



77.6880, -26.4682, 89.7276



72.2760, -12.4611, -63.3861



80.1780, 63.5092, -70.3161

Complementary

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



77.6880, -26.4682, 89.7276



126.3120, 26.4682, -89.7276

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.



88.0710, 55.6740, -77.2383



77.6880, -26.4682, 89.7276



80.9910, 13.3154, -71.0291

Square

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



77.6880, -26.4682, 89.7276



72.6540, -35.8184, -38.2846



86.7880, 38.0655, -76.1131



94.2980, 45.2091, 12.8937

Rectangle

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



77.6880, -26.4682, 89.7276



88.1120, -43.4392, 26.2118



86.7880, 38.0655, -76.1131



84.4010, 61.9203, -74.0197

Sweetspot

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



77.6880, -26.4682, 89.7276



194.5870, -10.1494, 35.4422



87.2880, 40.7770, 81.3084



93.5250, -6.1748, 20.5876



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



77.6880, -26.4682, 89.7276



80.8310, -39.8497, 135.2062



122.3000, -48.4619, 50.6029



83.2780, -1.6161, 5.0182



52.7910, -26.0260, 87.8833



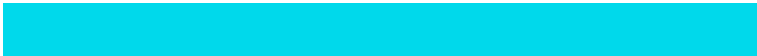
8.9480, -4.4114, 14.9546

Inverse Universe

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



126.3120, 26.4682, -89.7276



154.1690, 39.8497, -135.2062



81.7000, 48.4619, -50.6029



86.3090, 1.3267, -5.5330



100.2090, 26.0260, -87.8833



17.0520, 4.4114, -14.9546

Previews

White Background



This preview shows how the YUV color 77.6880, -26.4682, 89.7276 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 77.6880, -26.4682, 89.7276 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 77.6880, -26.4682, 89.7276

Background



This preview shows how black text looks on a background with the YUV color 77.6880, -26.4682, 89.7276.



This preview shows how white text looks on a background with the YUV color 77.6880, -26.4682,

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

77.6880, -26.4682, 89.7276

Protanopia

91.4920, -26.3716, 11.8465

Deuteranopia

88.7100, -43.7340, 27.4413



Tritanopia

78.2410, -21.8108, 89.2426

Trichromacy



Original Color

77.6880, -26.4682, 89.7276

Protanomaly

86.6680, -26.4583, 39.7562

Deuteranomaly

84.5740, -37.2580, 50.3626

Tritanomaly

77.7850, -23.5580, 89.6426

Monochromacy



Original Color

77.6880, -26.4682, 89.7276

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9780, -9.8492, 32.4683

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.6880, -26.4682, 89.7276 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(180, 36, 24)` looks like.

```
.text, #text, p{  
    color:rgb(180, 36, 24)  
}
```

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(180, 36, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 36, 24) }
```

Border

The CSS property to change the border of an element to YUV 77.6880, -26.4682, 89.7276 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(180, 36, 24) }
```


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

```
.border{ border-color:rgb(180, 36, 24) }
```

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

Here you see how a box with a 4 pixel rgb(180, 36, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 36, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 36, 24);  
box-shadow:4px 4px 4px 4px rgb(180, 36,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 77.6880, -26.4682, 89.7276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 36, 24) }
```

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

```
.background{ background-color: rgb(180, 36,  
24) }
```

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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