

Converting Colors

YUV(72.2780, 22.5409, 97.1032)

Have a look what the booklet for
YUV(72.2780, 22.5409, 97.1032)
contains.

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Color

**YUV(72.2780, 22.5409,
97.1032)**

Conversions

Conversions Part 1

Format	Color
Hex	B70776
RGB	183, 7, 118
RGB Percent	72%, 3%, 46%
CMY	0.2824, 0.9725, 0.5373
CMYK	0.00, 0.96, 0.36, 0.28
HSL	322°, 93%, 37%
HSV	322°, 96%, 72%
XYZ	22.8744, 11.5272, 18.1589
YIQ	72.2780, 69.2650, 71.8330

Conversions

Conversions Part 2

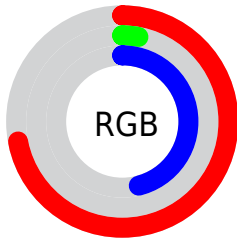
Format	Color
R_{YB}	183, 7, 118
Decimal	11994998
CIE _{Lab}	40.45, 67.67, -12.75
CIE _{LCh}	40, 68.862, 349.328
Yxy	11.5272, 0.4352, 0.2193
Android (android.graphics.Color)	4290185078 (0xFFB70776)
YUV	72.2780, 22.5409, 97.1032
Hunter-Lab	33.9518, 60.8456, -7.9446

Details

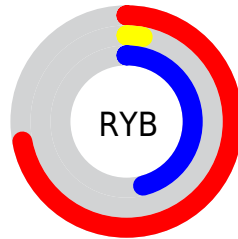
The YUV color **72.2780, 22.5409, 97.1032** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **117.7220, -22.5409, -97.1032**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.5190, 13.5481, 88.1218**, and **45.0560, 12.2974, 69.2339** is the 20% darker color. If you saturate the color by 10%, you get **67.8270, 23.2563, 101.0067**, and if you desaturate by 10%, it is **83.6420, 20.3895, 87.1370**.

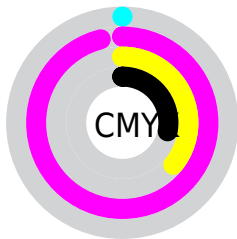
Distribution



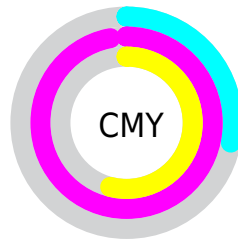
- Red (72%)
- Green (3%)
- Blue (46%)



- Red (72%)
- Yellow (3%)
- Blue (46%)



- Cyan (0%)
- Magenta (96%)
- Yellow (36%)
- Black (28%)





- Cyan (28%)
- Magenta (97%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.2780, 22.5409, 97.1032 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 72.2780, 22.5409, 97.1032 by changing the saturation by 10% instead.


 72.2780, 22.5409,
97.1032


 72.2780, 22.5409,
97.1032


255.0000, 0.0000,
0.0000


 56.3490, 18.0689,
84.7629


 142.5190, 13.5481,
88.1218


 45.0560, 12.2974,
69.2339


 166.2080, 15.1805,
77.8706


 34.0620, 6.3784,
54.3196

 186.4230, 19.0185,
60.1420

 23.7090, 1.6225,
39.7202

 206.7520, 23.2933,
42.3135

 12.0740, -5.4595,
24.4911

 223.8890, 15.3377,
27.2843

 0.0000, 0.0000,
0.0000

 241.4990, 6.6560,

11.8404

■ 72.2780, 22.5409,
97.1032

■ 72.2780, 22.5409,
97.1032

■ 67.8270, 23.2563,
101.0067

■ 83.6420, 20.3895,
87.1370

■ 95.5930, 17.9487,
76.6559

■ 106.8430, 15.3604,
66.7897

■ 118.2070, 13.2089,
56.8235

■ 130.1580, 10.7681,
46.3424

■ 141.5220, 8.6167,
36.3762

■ 152.7720, 6.0284,
26.5100

■ 164.1360, 3.8770,
16.5437

■ 176.0870, 1.4361,
6.0627

Harmonies

Analogous

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



95.2860, 36.8340, 39.2142



72.2780, 22.5409, 97.1032



69.1610, -3.5304, 105.9758

Triad

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



72.2780, 22.5409, 97.1032



85.8650, -42.3314, -2.5126



89.3130, 45.2017, -78.3275

Complementary

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



72.2780, 22.5409, 97.1032



117.7220, -22.5409, -97.1032

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.



84.7870, 22.7830, -74.3582



72.2780, 22.5409, 97.1032



66.4450, -32.2644, -58.2723

Square

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



72.2780, 22.5409, 97.1032



90.2490, -44.4928, 37.4926



77.5880, -2.2619, -68.0447



87.1080, 59.5998, -76.3937

Rectangle

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



72.2780, 22.5409, 97.1032



82.4980, -28.3465, 85.5093



77.5880, -2.2619, -68.0447



88.1900, 38.3603, -77.3426

Sweetspot

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



72.2780, 22.5409, 97.1032



193.6470, 9.0480, 38.0206



46.4990, 67.2950, 22.3644



93.5220, 5.1657, 23.2212



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



72.2780, 22.5409, 97.1032



87.9630, 30.5842, 130.7054



62.2460, -15.8973, 105.9013



86.2610, 0.8573, 5.0331



57.8160, 19.8107, 86.1074



10.4240, 3.7350, 15.4142

Inverse Universe

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



72.2780, 22.5409, 97.1032



87.9630, 30.5842, 130.7054



127.7540, 15.8973, -105.9013



86.2610, 0.8573, 5.0331



57.8160, 19.8107, 86.1074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 72.2780, 22.5409, 97.1032 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 72.2780, 22.5409, 97.1032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

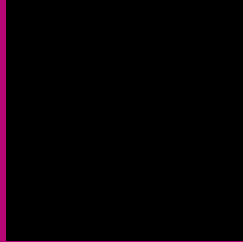
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.2780, 22.5409, 97.1032

Background



This preview shows how black text looks on a background with the YUV color 72.2780, 22.5409, 97.1032.



This preview shows how white text looks on a background with the YUV color 72.2780, 22.5409,

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

72.2780, 22.5409, 97.1032

Protanopia

94.4660, 36.7453, -25.8417

Deuteranopia

98.5040, 5.6675, 2.1890



Tritanopia

86.6960, -18.5841, 80.9506

Trichromacy



Original Color

72.2780, 22.5409, 97.1032



Protanomaly

86.3730, 31.3681, 18.9669



Deuteranomaly

89.0320, 11.8162, 36.8059



Tritanomaly

81.0400, -3.4707, 86.7879

Monochromacy



Original Color

72.2780, 22.5409, 97.1032



Achromatopsia

72.0000, 0.0000, 0.0000



Achromatomaly

71.8100, 8.4747, 35.2466

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2780, 22.5409, 97.1032 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(183, 7, 118)` looks like.

```
.text, #text, p{  
    color:rgb(183, 7, 118)  
}
```

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(183, 7, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 7, 118) }
```

Border

The CSS property to change the border of an element to YUV 72.2780, 22.5409, 97.1032 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(183, 7, 118) }
```


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

```
.border{ border-color:rgb(183, 7, 118) }
```

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

Here you see how a box with a 4 pixel rgb(183, 7, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 7, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 7, 118);  
box-shadow:4px 4px 4px 4px rgb(183, 7,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 72.2780, 22.5409, 97.1032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 7, 118) }
```

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

```
.background{ background-color: rgb(183, 7,  
118) }
```

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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