

Converting Colors

YUV(94.0780, 12.2865, 72.7226)

Have a look what the booklet for
YUV(94.0780, 12.2865, 72.7226)
contains.

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Color

**YUV(94.0780, 12.2865,
72.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	B12F77
RGB	177, 47, 119
RGB Percent	69%, 18%, 47%
CMY	0.3059, 0.8157, 0.5333
CMYK	0.00, 0.73, 0.33, 0.31
HSL	327°, 58%, 44%
HSV	327°, 73%, 69%
XYZ	22.4778, 12.7121, 18.7217
YIQ	94.0780, 54.3680, 49.9520

Conversions

Conversions Part 2

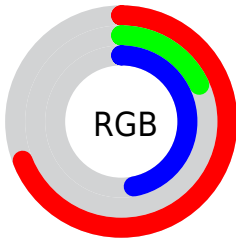
Format	Color
R_{YB}	177, 47, 119
Decimal	11612023
CIE _{Lab}	42.33, 57.80, -10.65
CIE _{LCh}	42, 58.769, 349.558
Yxy	12.7121, 0.4169, 0.2358
Android (android.graphics.Color)	4289802103 (0xFFB12F77)
YUV	94.0780, 12.2865, 72.7226
Hunter-Lab	35.6540, 50.1394, -6.1751

Details

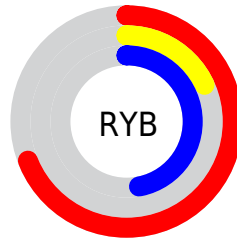
The YUV color **94.0780, 12.2865, 72.7226** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **129.9220, -12.2865, -72.7226**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1060, 9.8077, 74.4520**, and **43.9740, 13.3238, 66.6748** is the 20% darker color. If you saturate the color by 10%, you get **82.6000, 14.0012, 82.7888**, and if you desaturate by 10%, it is **105.5560, 10.5719, 62.6564**.

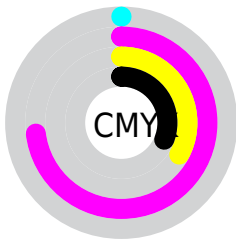
Distribution



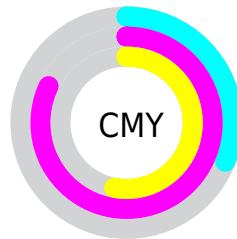
- Red (69%)
- Green (18%)
- Blue (47%)



- Red (69%)
- Yellow (18%)
- Blue (47%)



- Cyan (0%)
- Magenta (73%)
- Yellow (33%)
- Black (31%)





- Cyan (31%)
- Magenta (82%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.0780, 12.2865, 72.7226 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 94.0780, 12.2865, 72.7226 by changing the saturation by 10% instead.


 94.0780, 12.2865,
72.7226


 94.0780, 12.2865,
72.7226

255.0000, 0.0000,
0.0000


 57.9030, 17.7958,
79.0151


 151.1060, 9.8077,
74.4520


 43.9740, 13.3238,
66.6748


 176.4150, 11.1344,
68.9190


 32.9800, 7.4049,
51.7605

 196.0430, 15.2618,
51.7053

 22.9260, 2.5015,
37.7759

 216.2580, 19.0998,
33.9767

 11.4760, -5.1647,
23.2615

 233.2810, 10.7075,
19.0476

 0.0000, 0.0000,
0.0000

 250.3040, 2.3151,

4.1184

■ 94.0780, 12.2865,
72.7226

■ 94.0780, 12.2865,
72.7226

■ 82.6000, 14.0012,
82.7888

■ 105.5560, 10.5719,
62.6564

■ 71.7090, 15.4265,
92.3402

■ 116.4470, 9.1466,
53.1050

■ 64.0950, 16.7152,
99.0177

■ 127.9250, 7.4320,
43.0388

■ 139.4030, 5.7173,
32.9726

■ 150.7670, 3.5659,
23.0063

■ 161.6580, 2.1406,
13.4549

■ 173.1360, 0.4260,
3.3887

■ 184.6140, -1.2887,
-6.6775

■ 195.5050, -2.7140,
-16.2289

Harmonies

Analogous

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



102.2330, 30.4511, 33.1217



94.0780, 12.2865, 72.7226



90.6990, -9.7116, 81.8250

Triad

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



94.0780, 12.2865, 72.7226



90.0180, -44.3789, 0.8612



89.5750, 41.1285, -78.5573

Complementary

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



94.0780, 12.2865, 72.7226



129.9220, -12.2865, -72.7226

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.



85.9610, 22.2042, -75.3878



94.0780, 12.2865, 72.7226



76.5950, -22.9713, -52.2648

Square

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



94.0780, 12.2865, 72.7226



94.3690, -46.5239, 35.6334



79.6740, 0.6537, -69.8741



87.5010, 53.4900, -76.7384

Rectangle

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



94.0780, 12.2865, 72.7226



93.2790, -26.2665, 71.6693



79.6740, 0.6537, -69.8741



88.7940, 35.5976, -77.8723

Sweetspot

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



94.0780, 12.2865, 72.7226



197.4410, 4.7126, 28.5542



78.5640, 48.5289, 21.4304



95.7940, 2.5666, 16.8437



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



94.0780, 12.2865, 72.7226



101.0520, 18.7084, 113.0874



86.8960, -15.2317, 79.0212



83.2610, 0.8573, 5.0331



55.4370, 14.5746, 85.5628



9.3700, 2.2826, 14.5845

Inverse Universe

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



94.0780, 12.2865, 72.7226



101.0520, 18.7084, 113.0874



137.1040, 15.2317, -79.0212



83.2610, 0.8573, 5.0331



55.4370, 14.5746, 85.5628



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 94.0780, 12.2865, 72.7226 looks on a white background.

Color Contrast Check

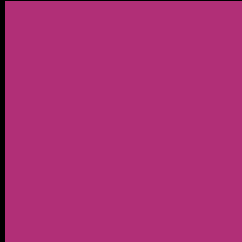
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.0780, 12.2865, 72.7226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

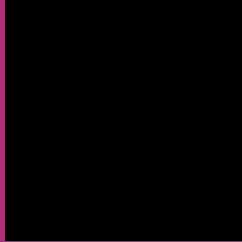
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.0780, 12.2865, 72.7226

Background



This preview shows how black text looks on a background with the YUV color 94.0780, 12.2865, 72.7226.



This preview shows how white text looks on a background with the YUV color 94.0780, 12.2865,

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

94.0780, 12.2865, 72.7226

Protanopia

100.0020, 27.1140, -16.6648

Deuteranopia

101.6890, 5.0833, 2.9037



Tritanopia

95.6450, -14.6150, 67.8403

Trichromacy



Original Color

94.0780, 12.2865, 72.7226

Protanomaly

97.8320, 21.7748, 15.9333

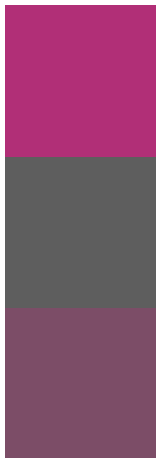
Deuteranomaly

98.6520, 8.0596, 28.3692

Tritanomaly

95.1750, -5.0163, 69.1295

Monochromacy



Original Color

94.0780, 12.2865, 72.7226

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0170, 4.4286, 26.2951

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.0780, 12.2865, 72.7226 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(177, 47, 119)` looks like.

```
.text, #text, p{  
    color:rgb(177, 47, 119)  
}
```

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(177, 47, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 47, 119) }
```

Border

The CSS property to change the border of an element to YUV 94.0780, 12.2865, 72.7226 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(177, 47, 119) }
```


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

```
.border{ border-color:rgb(177, 47, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 47, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 47, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 47, 119);  
box-shadow:4px 4px 4px 4px rgb(177, 47,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 94.0780, 12.2865, 72.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 47, 119) }
```

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

```
.background{ background-color: rgb(177, 47,  
119) }
```

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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