

# Converting Colors

YUV(97.2230, 22.0751, 12.9594)

Have a look what the booklet for  
YUV(97.2230, 22.0751, 12.9594)  
contains.

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# Color

**YUV(97.2230, 22.0751,  
12.9594)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70518E
RGB	112, 81, 142
RGB Percent	44%, 32%, 56%
CMY	0.5608, 0.6824, 0.4431
CMYK	0.21, 0.43, 0.00, 0.44
HSL	270°, 27%, 44%
HSV	270°, 43%, 56%
XYZ	14.5070, 11.2826, 27.0043
YIQ	97.2230, -1.1050, 25.5430

# Conversions

## Conversions Part 2

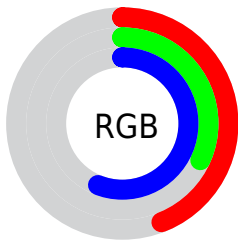
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 81, 142
Decimal	7360910
CIE Lab	40.05, 25.60, -29.02
CIE LCh	40, 38.696, 311.425
Yxy	11.2826, 0.2748, 0.2137
Android (android.graphics.Color)	4285550990 (0xFF70518E)
YUV	97.2230, 22.0751, 12.9594
Hunter-Lab	33.5896, 18.3106, -24.1535

# Details

The YUV color **97.2230, 22.0751, 12.9594** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **125.7770, -22.0751, -12.9594**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5760, 23.3800, 14.4038**, and **49.4570, 20.4807, 11.0002** is the 20% darker color. If you saturate the color by 10%, you get **86.9120, 27.1584, 15.8632**, and if you desaturate by 10%, it is **107.5340, 16.9917, 10.0557**.

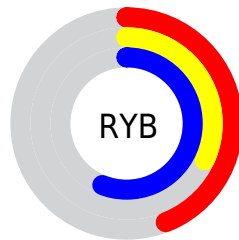
# Distribution



Red (44%)

Green (32%)

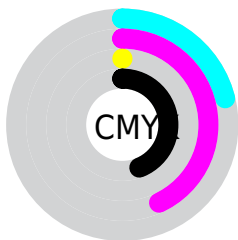
Blue (56%)



Red (44%)

Yellow (32%)

Blue (56%)

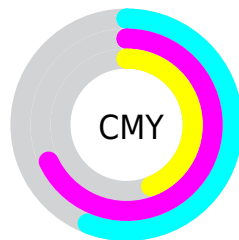


Cyan (21%)

Magenta (43%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (68%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.2230, 22.0751, 12.9594 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 97.2230, 22.0751, 12.9594 by changing the saturation by 10% instead.



97.2230, 22.0751,  
12.9594

97.2230, 22.0751,  
12.9594

255.0000, 0.0000,  
0.0000

73.2830, 21.0595,  
12.0298

148.5760, 23.3800,  
14.4038

49.4570, 20.4807,  
11.0002

175.1030, 24.1062,  
14.8187

27.2180, 19.6125,  
9.4558

202.9290, 24.6850,  
15.8483

11.7080, 16.4130,  
9.0261

228.2640, 13.1808,  
19.0625

3.2090, 9.7570,  
-2.8143

246.1950, 4.3409,  
7.7220

0.0000, 0.0000,  
0.0000

97.2230, 22.0751,  
12.9594

97.2230, 22.0751,  
12.9594

86.9120, 27.1584,  
15.8632

107.5340, 16.9917,  
10.0557

76.6010, 32.2417,  
18.7669

117.8450, 11.9084,  
7.1519

65.7030, 37.6144,  
22.1855

128.7430, 6.5357,  
3.7334

55.3920, 42.6977,  
25.0892

139.0540, 1.4524,  
0.8296

45.0810, 47.7811,  
27.9930

149.3650, -3.6309,  
-2.0741


37.7160, 51.4120,  
30.0671

159.6760, -8.7143,  
-4.9779

169.9870,  
-13.7976, -7.8816

180.8850,

-19.1703, -11.3001

 191.1960,  
-24.2536, -14.2039

# Harmonies

## Analogous

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



90.3040, 32.3881, -28.3306



97.2230, 22.0751, 12.9594



96.0710, 9.3320, 40.2797

# Triad

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



97.2230, 22.0751, 12.9594



92.5160, -29.3414, 31.1195



76.6540, 14.4676, -67.2256

# Complementary

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



97.2230, 22.0751, 12.9594



125.7770, -22.0751, -12.9594

# 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.



72.3050, 0.3426, -63.4115



97.2230, 22.0751, 12.9594



90.0310, -30.5813, 8.7428

# Square

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



97.2230, 22.0751, 12.9594



93.5470, -19.4967, 46.8783



85.9120, -20.1696, -17.4628



78.7860, 27.7135, -69.0953



# Rectangle

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



97.2230, 22.0751, 12.9594



94.6070, -0.2993, 49.4567



85.9120, -20.1696, -17.4628



75.4000, 9.6628, -66.1258

# Sweetspot

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



97.2230, 22.0751, 12.9594



166.3240, 8.7143, 4.9779



106.1510, 17.6736, -22.0574



81.1020, 5.3727, 3.4185



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



97.2230, 22.0751, 12.9594



113.5950, 34.7097, 20.5262



106.1930, 17.6529, 31.4027



65.9940, 2.4680, 1.7593



36.0210, 48.7966, 28.9226



2.1080, 2.9048, 1.6593



# Inverse Universe

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



102.6590, 4.1121, 34.5021



122.0620, 6.3784, 54.3196



116.8070, -17.6529, -31.4027



66.5490, 0.7153, 3.9035



47.8890, 8.9287, 76.3963

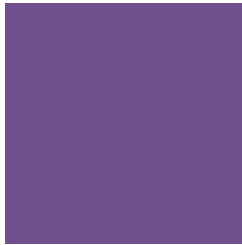


2.8480, 0.5679, 4.5183



# Previews

## White Background



This preview shows how the YUV color 97.2230, 22.0751, 12.9594 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 97.2230, 22.0751, 12.9594 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 97.2230, 22.0751, 12.9594

## Background



This preview shows how black text looks on a background with the YUV color 97.2230, 22.0751, 12.9594.



This preview shows how white text looks on a background with the YUV color 97.2230, 22.0751,



# 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

97.2230, 22.0751, 12.9594

### Protanopia

93.4470, 28.8666, -18.8090

### Deuteranopia

93.4490, 22.4566, -16.1798



## Tritanopia

95.6850, 1.1413, 7.2923

# Trichromacy



## Original Color

97.2230, 22.0751, 12.9594

## Protanomaly

95.1280, 26.0659, -7.1283

## Deuteranomaly

94.5150, 22.4241, -5.7137

## Tritanomaly

96.0580, 8.8454, 9.5961

# Monochromacy



## Original Color

97.2230, 22.0751, 12.9594

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

96.7970, 7.9881, 4.5630

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.2230, 22.0751, 12.9594 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(112, 81, 142)` looks like.

```
.text, #text, p{  
    color:rgb(112, 81, 142)  
}
```

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(112, 81, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 81, 142) }
```

## Border

The CSS property to change the border of an element to YUV 97.2230, 22.0751, 12.9594 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(112, 81, 142) }
```



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

```
.border{ border-color:rgb(112, 81, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 81, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 81, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 81, 142);  
box-shadow:4px 4px 4px 4px rgb(112, 81,  
142) }
```

# Background

The CSS property to change the background color of an element to YUV 97.2230, 22.0751, 12.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 81, 142) }
```

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

```
.background{ background-color: rgb(112, 81,  
142) }
```

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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