

Converting Colors

YUV(98.9240, 22.2225, 12.3447)

Have a look what the booklet for
YUV(98.9240, 22.2225, 12.3447)
contains.

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Color

**YUV(98.9240, 22.2225,
12.3447)**

Conversions

Conversions Part 1

Format	Color
Hex	715390
RGB	113, 83, 144
RGB Percent	44%, 33%, 56%
CMY	0.5569, 0.6745, 0.4353
CMYK	0.22, 0.42, 0.00, 0.44
HSL	270°, 27%, 45%
HSV	270°, 42%, 56%
XYZ	14.9373, 11.7108, 27.8587
YIQ	98.9240, -1.7010, 25.3310

Conversions

Conversions Part 2

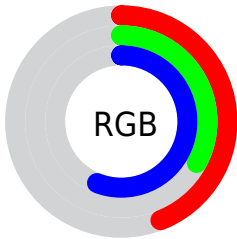
Format	Color
R_{YB}	113, 83, 144
Decimal	7426960
CIE _{Lab}	40.75, 25.20, -29.12
CIE _{LCh}	41, 38.510, 310.874
Yxy	11.7108, 0.2740, 0.2149
Android (android.graphics.Color)	4285617040 (0xFF715390)
YUV	98.9240, 22.2225, 12.3447
Hunter-Lab	34.2211, 18.0275, -24.3120

Details

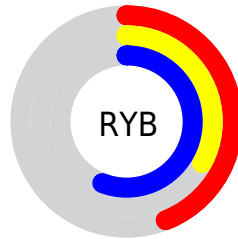
The YUV color **98.9240, 22.2225, 12.3447** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.0760, -22.2225, -12.3447**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2770, 23.5274, 13.7891**, and **51.1580, 20.6281, 10.3854** is the 20% darker color. If you saturate the color by 10%, you get **88.6130, 27.3058, 15.2484**, and if you desaturate by 10%, it is **109.2350, 17.1391, 9.4409**.

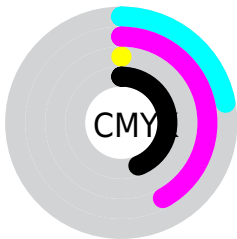
Distribution



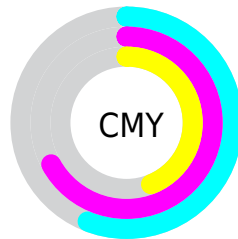
- Red (44%)
- Green (33%)
- Blue (56%)



- Red (44%)
- Yellow (33%)
- Blue (56%)



- Cyan (22%)
- Magenta (42%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (67%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9240, 22.2225, 12.3447 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 98.9240, 22.2225, 12.3447 by changing the saturation by 10% instead.

■ 98.9240, 22.2225,
12.3447

■ 98.9240, 22.2225,
12.3447

■ 255.0000, 0.0000,
0.0000

■ 74.3970, 21.4963,
11.9298

■ 150.2770, 23.5274,
13.7891

■ 51.1580, 20.6281,
10.3854

■ 177.1030, 24.1062,
14.8187

■ 28.9190, 19.7599,
8.8410

■ 204.6300, 24.8324,
15.2335

■ 11.9360, 17.2866,
8.8261

■ 229.7370, 12.4547,
18.6477

■ 3.4370, 10.6306,
-3.0142

■ 247.9560, 3.4727,
6.1776

■ 0.0000, 0.0000,
0.0000

■ 98.9240, 22.2225,
12.3447

■ 98.9240, 22.2225,
12.3447

■ 88.6130, 27.3058,
15.2484

■ 109.2350, 17.1391,
9.4409

■ 77.4160, 32.8259,
18.0522

■ 120.4320, 11.6190,
6.6371

■ 67.1050, 37.9092,
20.9559

■ 130.7430, 6.5357,
3.7334

■ 56.2070, 43.2819,
24.3745

■ 141.6410, 1.1630,
0.3148

■ 45.5970, 48.5127,
26.6634

■ 152.2510, -4.0677,
-1.9741


■ 37.6450, 52.4330,
29.2523

■ 162.5620, -9.1511,
-4.8779

■ 173.4600,
-14.5238, -8.2964

■ 184.0700,

-19.7545, -10.5854

 194.9680,
-25.1272, -14.0039

Harmonies

Analogous

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



92.0050, 32.5355, -28.9454



98.9240, 22.2225, 12.3447



97.7720, 9.4794, 39.6650

Triad

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



98.9240, 22.2225, 12.3447



93.9290, -29.0520, 31.6343



77.9420, 14.3256, -68.3551

Complementary

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



98.9240, 22.2225, 12.3447



128.0760, -22.2225, -12.3447

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.



73.6040, 0.1952, -62.7967



98.9240, 22.2225, 12.3447



91.7430, -30.4393, 9.8724

Square

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



98.9240, 22.2225, 12.3447



94.9600, -19.2073, 47.3931



87.7980, -20.6064, -17.3628



80.1880, 28.0083, -70.3249

Rectangle

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



98.9240, 22.2225, 12.3447



96.6070, -0.2993, 49.4567



87.7980, -20.6064, -17.3628



76.6880, 9.5208, -67.2554

Sweetspot

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



98.9240, 22.2225, 12.3447



168.3240, 8.7143, 4.9779



108.7380, 17.3842, -22.5722



83.1020, 5.3727, 3.4185



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



98.9240, 22.2225, 12.3447



115.8830, 34.5677, 19.3966



107.8940, 17.8003, 30.7880



65.9940, 2.4680, 1.7593



35.1240, 49.2389, 27.0783



2.1080, 2.9048, 1.6593

Inverse Universe

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



104.7730, 4.5489, 34.4021



124.8770, 6.9626, 53.6049



119.1060, -17.8003, -30.7880



66.5490, 0.7153, 3.9035



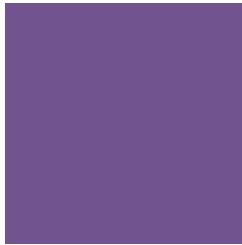
48.2310, 10.2391, 76.0964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 98.9240, 22.2225, 12.3447 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 98.9240, 22.2225, 12.3447 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 98.9240, 22.2225, 12.3447

Background



This preview shows how black text looks on a background with the YUV color 98.9240, 22.2225, 12.3447.



This preview shows how white text looks on a background with the YUV color 98.9240, 22.2225,

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

98.9240, 22.2225, 12.3447

Protanopia

94.8600, 29.1560, -18.2942

Deuteranopia

95.4490, 22.4566, -16.1798



Tritanopia

97.3860, 1.2887, 6.6775

Trichromacy



Original Color

98.9240, 22.2225, 12.3447

Protanomaly

96.2420, 26.5027, -7.2282

Deuteranomaly

96.5150, 22.4241, -5.7137

Tritanomaly

97.7590, 8.9928, 8.9814

Monochromacy



Original Color

98.9240, 22.2225, 12.3447

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7970, 7.9881, 4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9240, 22.2225, 12.3447 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(113, 83, 144)` looks like.

```
.text, #text, p{  
    color:rgb(113, 83, 144)  
}
```

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(113, 83, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 83, 144) }
```

Border

The CSS property to change the border of an element to YUV 98.9240, 22.2225, 12.3447 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(113, 83, 144) }
```


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

```
.border{ border-color:rgb(113, 83, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 83, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 83, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 83, 144);  
box-shadow:4px 4px 4px 4px rgb(113, 83,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 98.9240, 22.2225, 12.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 83, 144) }
```

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

```
.background{ background-color: rgb(113, 83,  
144) }
```

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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