

Converting Colors

YUV(84.0580, 12.2964, 22.7511)

Have a look what the booklet for
YUV(84.0580, 12.2964, 22.7511)
contains.

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Color

**YUV(84.0580, 12.2964,
22.7511)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6E426D |
| RGB | 110, 66, 109 |
| RGB Percent | 43%, 26%, 43% |
| CMY | 0.5686, 0.7412, 0.5725 |
| CMYK | 0.00, 0.40, 0.01, 0.57 |
| HSL | 301°, 25%, 35% |
| HSV | 301°, 40%, 43% |
| XYZ | 11.1389, 8.3156, 15.4860 |
| YIQ | 84.0580, 12.4210, 22.7010 |

Conversions

Conversions Part 2

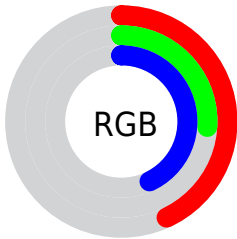
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 110, 66, 109 |
| Decimal | 7225965 |
| CIE _{Lab} | 34.63, 26.44, -17.10 |
| CIE _{LCh} | 35, 31.492, 327.109 |
| Yxy | 8.3156, 0.3188, 0.2380 |
| Android (android.graphics.Color) | 4285416045 (0xFF6E426D) |
| YUV | 84.0580, 12.2964, 22.7511 |
| Hunter-Lab | 28.8367, 18.4861, -11.6544 |

Details

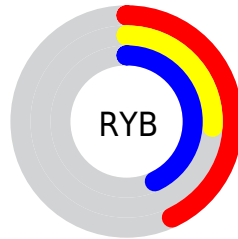
The YUV color **84.0580, 12.2964, 22.7511** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.9420, -12.2964, -22.7511**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5960, 13.0172, 24.9103**, and **36.9330, 11.8650, 21.1068** is the 20% darker color. If you saturate the color by 10%, you get **77.6010, 15.4797, 28.4139**, and if you desaturate by 10%, it is **90.5150, 9.1131, 17.0883**.

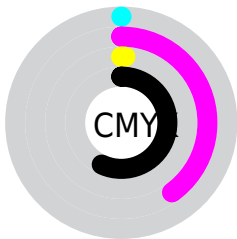
Distribution



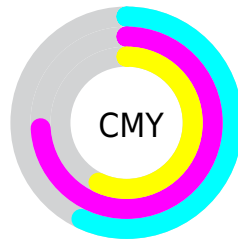
- Red (43%)
- Green (26%)
- Blue (43%)



- Red (43%)
- Yellow (26%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (1%)
- Black (57%)



- Cyan (57%)
- Magenta (74%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0580, 12.2964, 22.7511 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 84.0580, 12.2964, 22.7511 by changing the saturation by 10% instead.

84.0580, 12.2964,
22.7511

84.0580, 12.2964,
22.7511

255.0000, 0.0000,
0.0000

60.3460, 12.1544,
21.6216

134.5960, 13.0172,
24.9103

36.9330, 11.8650,
21.1068

161.0090, 13.3066,
25.4251

16.1070, 11.2862,
20.0772

188.3080, 13.1592,
26.0399

2.0520, 7.8624,
-1.7996

216.1340, 13.7379,
27.0695

0.0000, 0.0000,
0.0000

236.2160, 9.2605,
16.4736

253.2390, 0.8682,

1.5444

■ 84.0580, 12.2964,
22.7511

■ 84.0580, 12.2964,
22.7511

■ 77.6010, 15.4797,
28.4139

■ 90.5150, 9.1131,
17.0883

■ 71.0300, 18.2262,
34.1767

■ 97.0860, 6.3666,
11.3256

■ 64.5730, 21.4095,
39.8395

■ 103.5430, 3.1833,
5.6628

■ 58.1160, 24.5928,
45.5023

■ 110.0000, 0.0000,
0.0000

■ 51.6590, 27.7761,
51.1651

■ 116.4570, -3.1833,
-5.6628

■ 45.0880, 30.5226,
56.9278

■ 123.0280, -5.9298,
-11.4256

■ 129.4850, -9.1131,
-17.0883

■ 135.9420,
-12.2964, -22.7511

■ 142.3990,
-15.4797, -28.4139

Harmonies

Analogous

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



82.5970, 21.3977, -3.1546



84.0580, 12.2964, 22.7511



82.5840, 1.1911, 38.0758

Triad

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



84.0580, 12.2964, 22.7511



78.9810, -24.6406, 16.6797



67.0340, 18.2242, -58.7888

Complementary

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



84.0580, 12.2964, 22.7511



91.9420, -12.2964, -22.7511

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.



64.0700, 6.8675, -56.1894



84.0580, 12.2964, 22.7511



76.8860, -20.6498, -3.4080

Square

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



84.0580, 12.2964, 22.7511



80.6330, -20.0321, 31.8939



72.3050, -9.5174, -27.4545



67.4390, 27.3916, -59.1440

Rectangle

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



84.0580, 12.2964, 22.7511



81.2440, -6.5293, 41.0050



72.3050, -9.5174, -27.4545



66.0080, 14.2931, -57.8890

Sweetspot

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



84.0580, 12.2964, 22.7511



132.9070, 4.4828, 8.8516



71.3150, 19.0717, -3.7843



65.1300, 2.8939, 5.1480



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



84.0580, 12.2964, 22.7511



102.2690, 19.0944, 35.7211



81.5500, 2.6868, 24.9506



52.4780, 1.7363, 3.0888



49.2180, 33.4165, 62.0758



101.4410, 69.2956, 127.6552

Inverse Universe

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



84.0580, 12.2964, 22.7511



102.2690, 19.0944, 35.7211



94.4500, -2.6868, -24.9506



52.4780, 1.7363, 3.0888



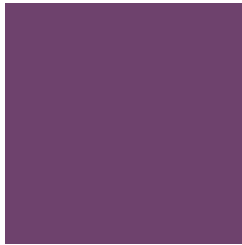
49.2180, 33.4165, 62.0758



101.4410, 69.2956, 127.6552

Previews

White Background



This preview shows how the YUV color 84.0580, 12.2964, 22.7511 looks on a white background.

Color Contrast Check

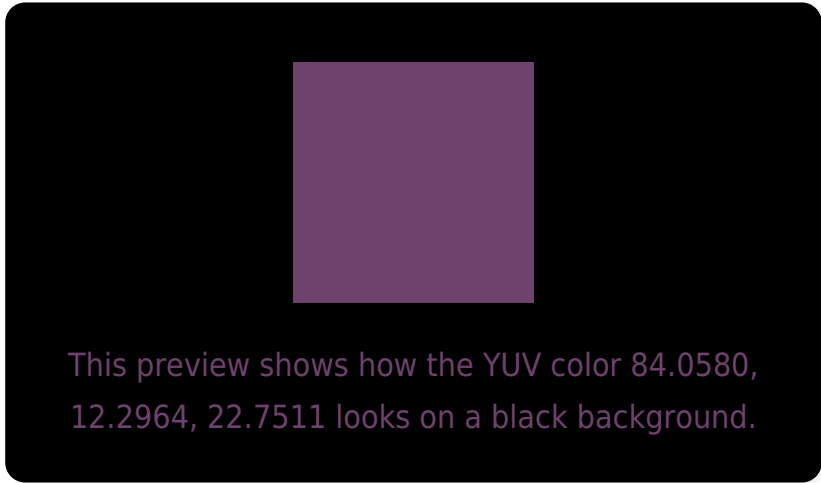
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

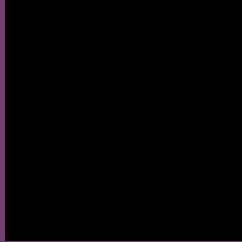
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0580, 12.2964, 22.7511

Background



This preview shows how black text looks on a background with the YUV color 84.0580, 12.2964, 22.7511.



This preview shows how white text looks on a background with the YUV color 84.0580, 12.2964,

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

84.0580, 12.2964, 22.7511

Protanopia

81.8580, 18.8040, -11.2765

Deuteranopia

82.0670, 11.7990, -4.4438



Tritanopia

83.4370, -2.6804, 19.7878

Trichromacy



Original Color

84.0580, 12.2964, 22.7511

Protanomaly

82.9520, 16.2927, 0.9191

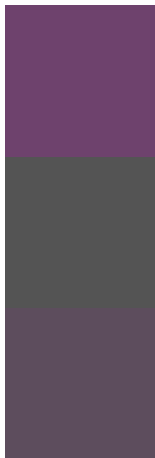
Deuteranomaly

82.8340, 11.9138, 5.4076

Tritanomaly

83.2290, 2.8451, 20.8472

Monochromacy



Original Color

84.0580, 12.2964, 22.7511

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0580, 12.2964, 22.7511 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(110, 66, 109)` looks like.

```
.text, #text, p{  
    color:rgb(110, 66, 109)  
}
```

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(110, 66, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 66, 109) }
```

Border

The CSS property to change the border of an element to YUV 84.0580, 12.2964, 22.7511 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(110, 66, 109) }
```


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

```
.border{ border-color:rgb(110, 66, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 66, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 66, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 66, 109);  
box-shadow:4px 4px 4px 4px rgb(110, 66,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 84.0580, 12.2964, 22.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 66, 109) }
```

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

```
.background{ background-color: rgb(110, 66,  
109) }
```

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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