

Converting Colors

YIQ(88.9690, 2.4260, 22.1220)

Have a look what the booklet for
YIQ(88.9690, 2.4260, 22.1220)
contains.

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Color

**YIQ(88.9690, 2.4260,
22.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	694A7C
RGB	105, 74, 124
RGB Percent	41%, 29%, 49%
CMY	0.5881, 0.7098, 0.5138
CMYK	0.15, 0.40, 0.00, 0.51
HSL	277°, 25%, 39%
HSV	277°, 40%, 49%
XYZ	11.9144, 9.3558, 20.2442
YIQ	88.9690, 2.4260, 22.1220

Conversions

Conversions Part 2

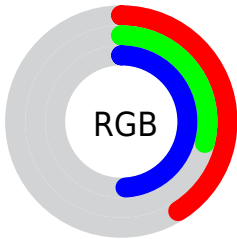
Format	Color
RYB	105, 74, 124
Decimal	6900348
CIELab	36.66, 23.25, -23.36
CIElCh	37, 32.956, 314.869
Yxy	9.3558, 0.2870, 0.2254
Android (android.graphics.Color)	4285090428 (0xFF694A7C)
YUV	88.9690, 17.2703, 14.0592
Hunter-Lab	30.5872, 16.0021, -17.8302

Details

The YIQ color **88.9690, 2.4260, 22.1220** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **109.0310, -2.4260, -22.1220**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.3220, 2.9300, 24.0020**, and **42.3170, 1.3260, 20.0300** is the 20% darker color. If you saturate the color by 10%, you get **80.4300, 2.7460, 27.3380**, and if you desaturate by 10%, it is **97.5080, 2.1060, 16.9060**.

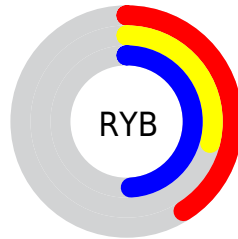
Distribution



Red (41%)

Green (29%)

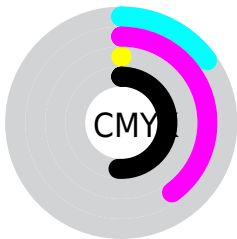
Blue (49%)



Red (41%)

Yellow (29%)

Blue (49%)

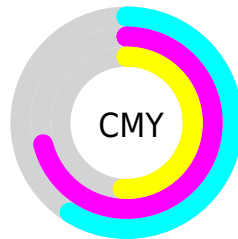


Cyan (15%)

Magenta (40%)

Yellow (0%)

Black (51%)



Cyan (59%)

Magenta (71%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.9690, 2.4260, 22.1220 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 YIQ color 88.9690, 2.4260, 22.1220 by changing the saturation by 10% instead.

■ 88.9690, 2.4260,
22.1220

■ 88.9690, 2.4260,
22.1220

■ 255.0000, -0.0000,
-0.0000

■ 65.1430, 1.8760,
21.0760

■ 139.3220, 2.9300,
24.0020

■ 42.3170, 1.3260,
20.0300

■ 165.7350, 3.2050,
24.5250

■ 20.2030, 1.6470,
19.7190

■ 193.2620, 3.1590,
25.3590

■ 4.1320, -8.7590,
10.0650

■ 220.8770, 5.6810,
23.7050

■ 0.1140, -0.3210,
0.3110

■ 241.4990, 6.3250,
12.0290

■ 0.0000, 0.0000,
0.0000

88.9690, 2.4260,
22.1220

88.9690, 2.4260,
22.1220

80.4300, 2.7460,
27.3380

97.5080, 2.1060,
16.9060

71.6030, 3.9370,
33.2890

106.3350, 0.9150,
10.9550

63.0640, 4.2570,
38.5050

114.8740, 0.5950,
5.7390

53.9380, 4.8520,
44.2440

124.0000, -0.0000,
-0.0000

45.6980, 5.7680,
49.6720

132.5390, -0.3200,
-5.2160

37.1590, 6.0880,
54.8880

140.7790, -1.2360,
-10.6440

149.9050, -1.8310,
-16.3830

158.4440, -2.1510,

-21.5990

■ 167.2710, -3.3420,
-27.5500

Harmonies

Analogous

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



84.9480, -28.6120, 11.9320



88.9690, 2.4260, 22.1220



87.9410, 25.9920, 24.5520

Triad

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



88.9690, 2.4260, 22.1220



84.6230, 34.4340, -7.3100



69.9860, -59.2790, -21.5110

Complementary

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



88.9690, 2.4260, 22.1220



109.0310, -2.4260, -22.1220

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.



68.1150, -46.7610, -28.1130



88.9690, 2.4260, 22.1220



82.5020, 18.2970, -17.7270

Square

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



88.9690, 2.4260, 22.1220



85.6600, 42.1800, 6.5000



78.7640, -6.0480, -22.5600



71.5480, -66.4330, -13.0010

Rectangle

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



88.9690, 2.4260, 22.1220



86.8080, 36.4920, 21.4840



78.7640, -6.0480, -22.5600



68.9600, -56.3900, -24.3100

Sweetspot

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



88.9690, 2.4260, 22.1220



146.8680, 0.7320, 8.7640



90.8530, -21.2750, 5.6130



73.4610, 0.3200, 5.2160



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



88.9690, 2.4260, 22.1220



106.8310, 3.2950, 33.9110



93.9660, 15.6760, 24.2840



56.8800, 0.4580, 2.7140



37.5720, 6.3630, 55.4110



75.6710, 12.6800, 111.6560

Inverse Universe

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



91.1160, 23.7010, 16.5090



110.3290, 36.5830, 25.3430



104.0340, -15.6760, -24.2840



57.0220, 2.9340, 1.8940



42.7330, 59.4130, 41.1170



86.2920, 119.3760, 83.2800

Previews

White Background



This preview shows how the YIQ color 88.9690, 2.4260, 22.1220 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



This preview shows how the YIQ color 88.9690, 2.4260, 22.1220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

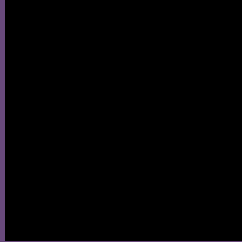
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.9690, 2.4260, 22.1220

Background



This preview shows how black text looks on a background with the YIQ color 88.9690, 2.4260, 22.1220.



This preview shows how white text looks on a background with the YIQ color 88.9690, 2.4260,

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

88.9690, 2.4260, 22.1220

Protanopia

85.6880, -24.9440, 11.5360

Deuteranopia

86.5160, -18.7080, 8.6520



Tritanopia

87.7670, 8.2060, 5.4700

Trichromacy



Original Color

88.9690, 2.4260, 22.1220

Protanomaly

86.8850, -15.1330, 15.4510

Deuteranomaly

87.5710, -11.3730, 13.3870

Tritanomaly

88.0860, 6.0500, 11.5060

Monochromacy



Original Color

88.9690, 2.4260, 22.1220

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.3410, 0.7780, 7.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.9690, 2.4260, 22.1220 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(105, 74, 124)` looks like.

```
.text, #text, p{  
    color:rgb(105, 74, 124)  
}
```

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(105, 74, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 74, 124) }
```

Border

The CSS property to change the border of an element to YIQ 88.9690, 2.4260, 22.1220 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(105, 74, 124) }
```


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

```
.border{ border-color:rgb(105, 74, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 74, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 74, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 74, 124);  
box-shadow:4px 4px 4px 4px rgb(105, 74,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 88.9690, 2.4260, 22.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 74, 124) }
```

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

```
.background{ background-color: rgb(105, 74,  
124) }
```

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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