

Converting Colors

YIQ(96.0880, -13.4860, 35.1700)

Have a look what the booklet for
YIQ(96.0880, -13.4860, 35.1700)
contains.

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Color

**YIQ(96.0880, -13.4860,
35.1700)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 694DAB |
| RGB | 105, 77, 171 |
| RGB Percent | 41%, 30%, 67% |
| CMY | 0.5881, 0.6981, 0.3295 |
| CMYK | 0.39, 0.55, 0.00, 0.33 |
| HSL | 258°, 38%, 49% |
| HSV | 258°, 55%, 67% |
| XYZ | 15.8301, 11.2504, 39.8492 |
| YIQ | 96.0880, -13.4860, 35.1700 |

Conversions

Conversions Part 2

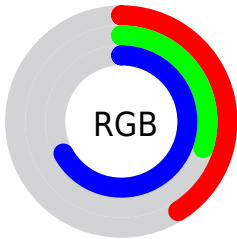
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 105, 77, 171 |
| Decimal | 6901163 |
| CIE _{Lab} | 40.00, 33.72, -46.51 |
| CIE _{LCh} | 40, 57.448, 305.944 |
| Yxy | 11.2504, 0.2365, 0.1681 |
| Android (android.graphics.Color) | 4285091243 (0xFF694DAB) |
| YUV | 96.0880, 36.9316, 7.8158 |
| Hunter-Lab | 33.5416, 25.5463, -46.9606 |

Details

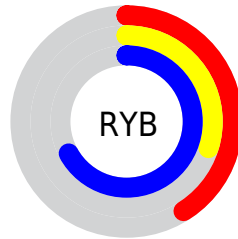
The YIQ color **96.0880, -13.4860, 35.1700** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **151.9120, 13.4860, -35.1700**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2670, -12.4320, 38.0960**, and **46.8980, -16.0070, 31.2970** is the 20% darker color. If you saturate the color by 10%, you get **82.5210, -15.9630, 41.5170**, and if you desaturate by 10%, it is **109.6550, -11.0090, 28.8230**.

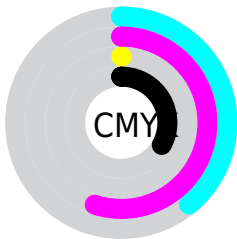
Distribution



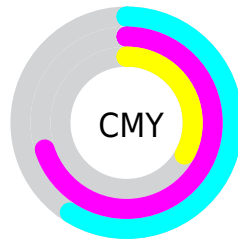
- Red (41%)
- Green (30%)
- Blue (67%)



- Red (41%)
- Yellow (30%)
- Blue (67%)



- Cyan (39%)
- Magenta (55%)
- Yellow (0%)
- Black (33%)



- Cyan (59%)
- Magenta (70%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.0880, -13.4860, 35.1700 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 96.0880, -13.4860, 35.1700 by changing the saturation by 10% instead.

■ 96.0880, -13.4860,
35.1700

■ 96.0880, -13.4860,
35.1700

■ 255.0000, -0.0000,
-0.0000

■ 70.8490, -14.3110,
33.6010

■ 148.2670,
-12.4320, 38.0960

■ 46.8980, -16.0070,
31.2970

■ 175.0930,
-11.8820, 39.1420

■ 22.1640, -19.8120,
28.6680

■ 199.3140, -2.6190,
30.9570

■ 7.8660, -22.1490,
21.4590

■ 224.7200, 7.5610,
22.6730

■ 6.8910, -15.2700,
12.4260

■ 243.8470, 5.2250,
9.9370

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,

0.0000

■ 96.0880, -13.4860,
35.1700

■ 96.0880, -13.4860,
35.1700

■ 82.5210, -15.9630,
41.5170

■ 109.6550,
-11.0090, 28.8230

■ 68.9540, -18.4400,
47.8640

■ 123.2220, -8.5320,
22.4760

■ 55.3870, -20.9170,
54.2110

■ 136.7890, -6.0550,
16.1290

■ 41.8200, -23.3940,
60.5580

■ 150.3560, -3.5780,
9.7820

■ 34.7430, -24.4950,
63.9930

■ 163.9230, -1.1010,
3.4350

■ 178.0770, 1.1010,
-3.4350

■ 191.6440, 3.5780,
-9.7820

■ 205.2110, 6.0550,
-16.1290

■ 218.7780, 8.5320,
-22.4760

Harmonies

Analogous

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



78.3710, -87.0230, 7.7370



96.0880, -13.4860, 35.1700



92.6290, 36.5790, 47.4510

Triad

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



96.0880, -13.4860, 35.1700



88.2550, 64.6490, -9.7430



79.2470, -64.6880, -28.1120

Complementary

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



96.0880, -13.4860, 35.1700



151.9120, 13.4860, -35.1700

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.



71.7860, -47.8130, -42.0930



96.0880, -13.4860, 35.1700



87.4590, 37.0510, -27.2130

Square

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



96.0880, -13.4860, 35.1700



87.0170, 72.3920, 20.6480



79.5530, 3.9510, -44.0890



83.7900, -78.8580, -13.5940

Rectangle

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



96.0880, -13.4860, 35.1700



86.0630, 58.7240, 48.1000



79.5530, 3.9510, -44.0890



76.7220, -58.9560, -32.8760

Sweetspot

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



96.0880, -13.4860, 35.1700



193.3930, -5.0000, 13.5280



127.0450, -48.5990, -5.8070



95.1880, -3.1650, 7.8030



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



96.0880, -13.4860, 35.1700



104.9140, -20.9630, 55.0450



109.8420, 13.9300, 44.9220



79.9230, -1.1010, 3.4350



30.5550, -21.3300, 56.1900



4.7150, -3.2110, 8.6370

Inverse Universe

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



112.6300, 34.8380, 40.4540



130.6950, 54.5490, 63.1970



138.1580, -13.9300, -44.9220



81.3750, 3.4380, 3.7740



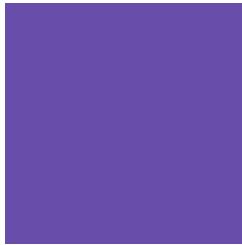
56.9340, 55.3740, 64.7660



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 96.0880, -13.4860, 35.1700 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 YIQ color 96.0880, -13.4860, 35.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

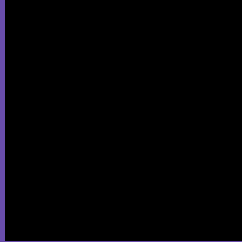
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.0880, -13.4860, 35.1700

Background



This preview shows how black text looks on a background with the YIQ color 96.0880, -13.4860, 35.1700.



This preview shows how white text looks on a background with the YIQ color 96.0880, -13.4860,

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

96.0880, -13.4860, 35.1700

Protanopia

85.0860, -63.8710, 17.6730

Deuteranopia

84.0610, -62.7230, 7.8770



Tritanopia

94.3030, -5.2270, 1.1170

Trichromacy



Original Color

96.0880, -13.4860, 35.1700

Protanomaly

89.0560, -45.9910, 24.0330

Deuteranomaly

88.4380, -44.4310, 17.7850

Tritanomaly

94.5390, -8.3470, 13.6130

Monochromacy



Original Color

96.0880, -13.4860, 35.1700

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.8660, -4.9540, 12.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.0880, -13.4860, 35.1700 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, 77, 171)` looks like.

```
.text, #text, p{  
    color:rgb(105, 77, 171)  
}
```

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, 77, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 77, 171) }
```

Border

The CSS property to change the border of an element to YIQ 96.0880, -13.4860, 35.1700 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, 77, 171) }
```


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

```
.border{ border-color:rgb(105, 77, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 77, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 77, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 77, 171);  
box-shadow:4px 4px 4px 4px rgb(105, 77,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 96.0880, -13.4860, 35.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 77, 171) }
```

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

```
.background{ background-color: rgb(105, 77,  
171) }
```

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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