

Converting Colors

YIQ(103.0690, 4.7200, 13.5840)

Have a look what the booklet for
YIQ(103.0690, 4.7200, 13.5840)
contains.

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Color

**YIQ(103.0690, 4.7200,
13.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	745D79
RGB	116, 93, 121
RGB Percent	45%, 36%, 47%
CMY	0.5450, 0.6353, 0.5255
CMYK	0.04, 0.23, 0.00, 0.53
HSL	289°, 13%, 42%
HSV	289°, 23%, 47%
XYZ	14.5696, 12.9217, 19.8152
YIQ	103.0690, 4.7200, 13.5840

Conversions

Conversions Part 2

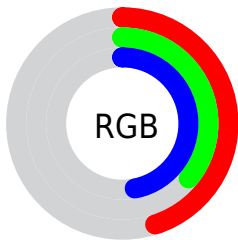
Format	Color
R_{YB}	116, 93, 121
Decimal	7626105
CIE _{Lab}	42.65, 14.81, -12.23
CIE _{LCh}	43, 19.205, 320.462
Yxy	12.9217, 0.3080, 0.2731
Android (android.graphics.Color)	4285816185 (0xFF745D79)
YUV	103.0690, 8.8400, 11.3405
Hunter-Lab	35.9468, 9.4407, -7.5200

Details

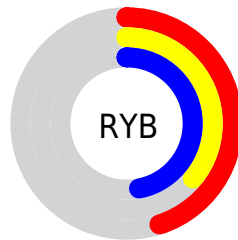
The YIQ color **103.0690, 4.7200, 13.5840** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110.9310, -4.7200, -13.5840**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8950, 5.2700, 14.6300**, and **55.8300, 3.8950, 12.0150** is the 20% darker color. If you saturate the color by 10%, you get **95.4270, 6.8280, 19.4360**, and if you desaturate by 10%, it is **110.7110, 2.6120, 7.7320**.

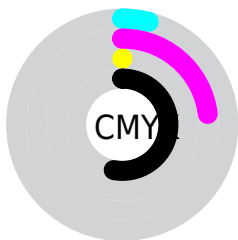
Distribution



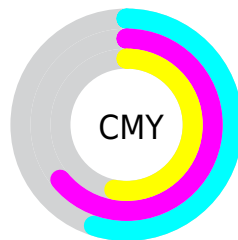
- Red (45%)
- Green (36%)
- Blue (47%)



- Red (45%)
- Yellow (36%)
- Blue (47%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.0690, 4.7200, 13.5840 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 103.0690, 4.7200, 13.5840 by changing the saturation by 10% instead.

■ 103.0690, 4.7200,
13.5840

■ 103.0690, 4.7200,
13.5840

255.0000, -0.0000,
-0.0000

■ 78.6560, 4.4450,
13.0610

■ 153.8950, 5.2700,
14.6300

■ 55.8300, 3.8950,
12.0150

■ 181.3080, 5.5450,
15.1530

■ 34.4170, 3.6200,
11.4920

■ 208.7210, 5.8200,
15.6760

■ 11.0800, 6.1870,
14.5310

■ 236.4930, 6.4620,
15.0540

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2750,
0.5230

■ 103.0690, 4.7200,
13.5840

■ 103.0690, 4.7200,
13.5840

■ 95.4270, 6.8280,
19.4360

■ 110.7110, 2.6120,
7.7320

■ 87.7850, 8.9360,
25.2880

■ 118.3530, 0.5040,
1.8800

■ 80.1430, 11.0440,
31.1400

■ 125.9950, -1.6040,
-3.9720

■ 72.2020, 12.5560,
36.7800

■ 133.9360, -3.1160,
-9.6120

■ 63.9730, 14.9390,
43.1550

■ 141.5780, -5.2240,
-15.4640

■ 56.3310, 17.0470,
49.0070

■ 149.8070, -7.6070,
-21.8390

■ 48.6890, 19.1550,
54.8590


■ 157.4490, -9.7150,
-27.6910

■ 43.3950, 20.1630,

■ 165.0910,

58.6190

-11.8230, -33.5430

 172.7330,
-13.9310, -39.3950

Harmonies

Analogous

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



101.0500, -11.4640, 9.5280



103.0690, 4.7200, 13.5840



102.8980, 18.3830, 13.7670

Triad

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



103.0690, 4.7200, 13.5840



100.4890, 20.3120, -4.6800



92.4840, -34.0180, -11.2500

Complementary

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



103.0690, 4.7200, 13.5840



110.9310, -4.7200, -13.5840

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.



94.2480, -21.7300, -13.6820



103.0690, 4.7200, 13.5840



98.7540, 9.0800, -10.3760

Square

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



103.0690, 4.7200, 13.5840



101.6410, 25.9960, 2.4440



96.7460, -5.6370, -13.4850



94.0910, -37.0450, -5.9490

Rectangle

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



103.0690, 4.7200, 13.5840



102.6550, 23.3810, 11.2930



96.7460, -5.6370, -13.4850



93.3980, -30.9000, -12.6920

Sweetspot

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



103.0690, 4.7200, 13.5840



150.9450, 1.8330, 5.3290



99.1270, -10.3630, 6.0930



75.1790, 1.0540, 2.9260



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



103.0690, 4.7200, 13.5840



129.7800, 7.3320, 21.3160



103.5380, 10.5890, 11.8450



57.1790, 1.0540, 2.9260



45.0470, 21.2630, 60.7110



90.9200, 43.0760, 122.4680

Inverse Universe

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



101.9420, 15.0830, 7.4910



128.0680, 23.6560, 11.8160



110.4620, -10.5890, -11.8450



56.9080, 3.2550, 1.5830



39.8830, 67.4380, 33.3420



80.4780, 135.7470, 67.4190

Previews

White Background



This preview shows how the YIQ color 103.0690, 4.7200, 13.5840 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 103.0690, 4.7200, 13.5840 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 103.0690, 4.7200, 13.5840

Background



This preview shows how black text looks on a background with the YIQ color 103.0690, 4.7200, 13.5840.



This preview shows how white text looks on a background with the YIQ color 103.0690, 4.7200,

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

103.0690, 4.7200, 13.5840

Protanopia

101.4690, -11.3260, 7.0260

Deuteranopia

101.9920, -5.5490, 6.9550



Tritanopia

101.9950, 7.5640, 6.0920

Trichromacy



Original Color

103.0690, 4.7200, 13.5840

Protanomaly

101.8720, -5.0910, 9.6690

Deuteranomaly

102.3130, -2.0190, 9.0610

Tritanomaly

102.3910, 6.5090, 8.6930

Monochromacy



Original Color

103.0690, 4.7200, 13.5840

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

102.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.0690, 4.7200, 13.5840 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(116, 93, 121)` looks like.

```
.text, #text, p{  
    color:rgb(116, 93, 121)  
}
```

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(116, 93, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 93, 121) }
```

Border

The CSS property to change the border of an element to YIQ 103.0690, 4.7200, 13.5840 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(116, 93, 121) }
```


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

```
.border{ border-color:rgb(116, 93, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 93, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 93, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 93, 121); box-shadow:4px 4px 4px 4px rgb(116, 93, 121) }
```

Background

The CSS property to change the background color of an element to YIQ 103.0690, 4.7200, 13.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 93, 121) }
```

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

```
.background{ background-color: rgb(116, 93,  
121) }
```

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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