

Converting Colors

YIQ(102.1510, 7.4250, 14.1210)

Have a look what the booklet for
YIQ(102.1510, 7.4250, 14.1210)
contains.

YIQ(102.1510, 7.4250, 14.1210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(102.1510, 7.4250,
14.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	765B76
RGB	118, 91, 118
RGB Percent	46%, 36%, 46%
CMY	0.5372, 0.6432, 0.5372
CMYK	0.00, 0.23, 0.00, 0.54
HSL	300°, 13%, 41%
HSV	300°, 23%, 46%
XYZ	14.4843, 12.6413, 18.8168
YIQ	102.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

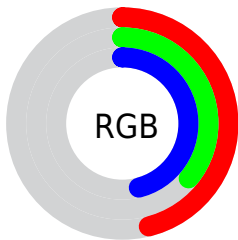
Format	Color
R_{YB}	118, 91, 118
Decimal	7756662
CIE _{Lab}	42.22, 16.13, -11.03
CIE _{LCh}	42, 19.539, 325.644
Yxy	12.6413, 0.3153, 0.2752
Android (android.graphics.Color)	4285946742 (0xFF765B76)
YUV	102.1510, 7.8136, 13.8996
Hunter-Lab	35.5546, 10.4970, -6.4903

Details

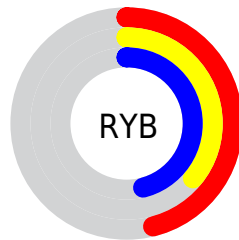
The YIQ color **102.1510, 7.4250, 14.1210** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **106.8490, -7.4250, -14.1210**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.9770, 7.9750, 15.1670**, and **55.0260, 6.2790, 12.8630** is the 20% darker color. If you saturate the color by 10%, you get **95.1070, 10.7250, 20.3970**, and if you desaturate by 10%, it is **109.1950, 4.1250, 7.8450**.

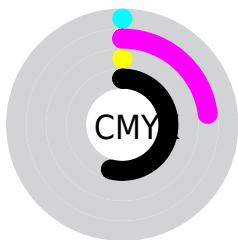
Distribution



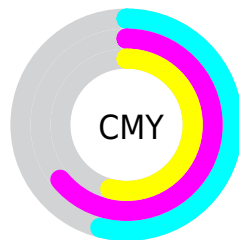
- Red (46%)
- Green (36%)
- Blue (46%)



- Red (46%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.1510, 7.4250, 14.1210 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 102.1510, 7.4250, 14.1210 by changing the saturation by 10% instead.

■ 102.1510, 7.4250,
14.1210

■ 102.1510, 7.4250,
14.1210

■ 255.0000, -0.0000,
-0.0000

■ 77.7380, 7.1500,
13.5980

■ 152.9770, 7.9750,
15.1670

■ 55.0260, 6.2790,
12.8630

■ 180.2760, 8.5710,
15.3790

■ 33.2000, 5.7290,
11.8170

■ 207.6890, 8.8460,
15.9020

■ 11.4500, 8.0210,
14.3330

■ 236.1020, 9.1210,
16.4250

■ 0.0000, 0.0000,
0.0000

■ 253.2390, 0.8250,
1.5690

■ 102.1510, 7.4250,
14.1210

■ 102.1510, 7.4250,
14.1210

■ 95.1070, 10.7250,
20.3970

■ 109.1950, 4.1250,
7.8450

■ 88.0630, 14.0250,
26.6730

■ 116.2390, 0.8250,
1.5690

■ 81.6060, 17.0500,
32.4260

■ 122.6960, -2.2000,
-4.1840

■ 74.5620, 20.3500,
38.7020

■ 129.7400, -5.5000,
-10.4600

■ 67.5180, 23.6500,
44.9780

■ 136.7840, -8.8000,
-16.7360

■ 60.4740, 26.9500,
51.2540

■ 143.8280,
-12.1000, -23.0120

■ 53.4300, 30.2500,
57.5300


■ 150.8720,
-15.4000, -29.2880

■ 48.7340, 32.4500,

■ 157.3290,

61.7140

-18.4250, -35.0410

 164.3730,
-21.7250, -41.3170

Harmonies

Analogous

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



100.6590, -8.8050, 10.8990



102.1510, 7.4250, 14.1210



101.9690, 19.6210, 13.3570

Triad

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



102.1510, 7.4250, 14.1210



99.0650, 18.5700, -6.1500



90.9290, -36.7690, -10.9530

Complementary

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



102.1510, 7.4250, 14.1210



106.8490, -7.4250, -14.1210

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.



92.3940, -25.0770, -13.5970



102.1510, 7.4250, 14.1210



97.4440, 7.0170, -11.5350

Square

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



102.1510, 7.4250, 14.1210



100.1140, 26.0420, 1.6100



95.3650, -8.9380, -14.2340



93.0310, -36.8160, -4.5920

Rectangle

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



102.1510, 7.4250, 14.1210



101.6120, 24.9400, 10.5720



95.3650, -8.9380, -14.2340



91.8430, -33.6510, -12.3950

Sweetspot

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



102.1510, 7.4250, 14.1210



146.5430, 3.0250, 5.7530



94.0780, -8.6670, 8.3970



72.7770, 2.2460, 3.3500



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



102.1510, 7.4250, 14.1210



128.9330, 11.2750, 21.4430



100.6690, 11.5980, 10.0780



55.4780, 1.6500, 3.1380



50.3860, 33.5500, 63.8060



103.2500, 68.7500, 130.7500

Inverse Universe

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



102.1510, 7.4250, 14.1210



128.9330, 11.2750, 21.4430



108.4450, -11.9190, -9.7670



55.4780, 1.6500, 3.1380



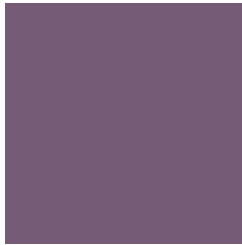
50.3860, 33.5500, 63.8060



103.2500, 68.7500, 130.7500

Previews

White Background



This preview shows how the YIQ color 102.1510, 7.4250, 14.1210 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 102.1510, 7.4250, 14.1210 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 102.1510, 7.4250, 14.1210

Background



This preview shows how black text looks on a background with the YIQ color 102.1510, 7.4250, 14.1210.



This preview shows how white text looks on a background with the YIQ color 102.1510, 7.4250,

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

102.1510, 7.4250, 14.1210

Protanopia

100.2410, -10.6840, 6.4040

Deuteranopia

100.4760, -4.0360, 7.0680



Tritanopia

101.3760, 10.8650, 6.8410

Trichromacy



Original Color

102.1510, 7.4250, 14.1210

Protanomaly

100.9430, -3.8530, 9.2590

Deuteranomaly

101.0960, 0.0900, 9.3860

Tritanomaly

101.7720, 9.8100, 9.4420

Monochromacy



Original Color

102.1510, 7.4250, 14.1210

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.1300, 2.7500, 5.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.1510, 7.4250, 14.1210 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(118, 91, 118)` looks like.

```
.text, #text, p{  
    color:rgb(118, 91, 118)  
}
```

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(118, 91, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 91, 118) }
```

Border

The CSS property to change the border of an element to YIQ 102.1510, 7.4250, 14.1210 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(118, 91, 118) }
```


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

```
.border{ border-color:rgb(118, 91, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 91, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 91, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 91, 118);  
box-shadow:4px 4px 4px 4px rgb(118, 91,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 102.1510, 7.4250, 14.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 91, 118) }
```

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

```
.background{ background-color: rgb(118, 91,  
118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor