

Converting Colors

YIQ(79.5240, 14.3450, 31.8890)

Have a look what the booklet for
YIQ(79.5240, 14.3450, 31.8890)
contains.

YIQ(79.5240, 14.3450, 31.8890)	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(79.5240, 14.3450,
31.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	713776
RGB	113, 55, 118
RGB Percent	44%, 22%, 46%
CMY	0.5567, 0.7844, 0.5372
CMYK	0.04, 0.53, 0.00, 0.54
HSL	295°, 36%, 34%
HSV	295°, 53%, 46%
XYZ	11.4510, 7.5518, 17.9943
YIQ	79.5240, 14.3450, 31.8890

Conversions

Conversions Part 2

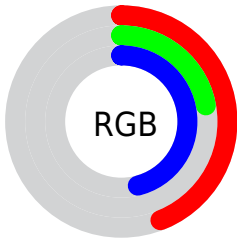
Format	Color
R _Y B	113, 55, 118
Decimal	7419766
CIE Lab	33.03, 35.61, -25.22
CIE LCh	33, 43.631, 324.692
Yxy	7.5518, 0.3095, 0.2041
Android (android.graphics.Color)	4285609846 (0xFF713776)
YUV	79.5240, 18.9687, 29.3585
Hunter-Lab	27.4806, 26.2891, -19.5867

Details

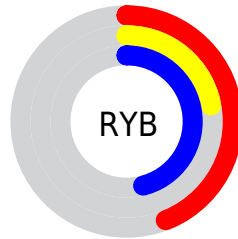
The YIQ color **79.5240, 14.3450, 31.8890** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.4760, -14.3450, -31.8890**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6490, 15.4910, 33.1470**, and **29.0510, 14.2990, 32.7230** is the 20% darker color. If you saturate the color by 10%, you get **72.1810, 17.0490, 37.9530**, and if you desaturate by 10%, it is **86.8670, 11.6410, 25.8250**.

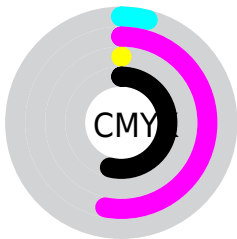
Distribution



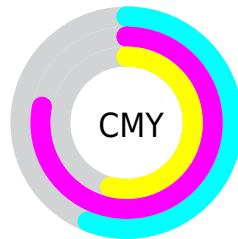
- Red (44%)
- Green (22%)
- Blue (46%)



- Red (44%)
- Yellow (22%)
- Blue (46%)



- Cyan (4%)
- Magenta (53%)
- Yellow (0%)
- Black (54%)



- Cyan (56%)
- Magenta (78%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.5240, 14.3450, 31.8890 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 79.5240, 14.3450, 31.8890 by changing the saturation by 10% instead.

79.5240, 14.3450,
31.8890

79.5240, 14.3450,
31.8890

255.0000, -0.0000,
-0.0000

54.8120, 13.4740,
31.1540

130.6490, 15.4910,
33.1470

29.0510, 14.2990,
32.7230

156.8880, 16.3160,
34.7160

17.6170, 9.3490,
23.3090

184.6000, 17.1870,
35.4510

2.8500, -8.0250,
7.7750

212.4260, 17.7370,
36.4970

0.0000, 0.0000,
0.0000

229.7590, 11.8250,
22.4890

246.7820, 3.8500,

7.3220

■ 79.5240, 14.3450,
31.8890

■ 79.5240, 14.3450,
31.8890

■ 72.1810, 17.0490,
37.9530

■ 86.8670, 11.6410,
25.8250

■ 64.8380, 19.7530,
44.0170

■ 94.2100, 8.9370,
19.7610

■ 58.0820, 22.1820,
49.5580

■ 100.9660, 6.5080,
14.2200

■ 50.7390, 24.8860,
55.6220

■ 108.3090, 3.8040,
8.1560

■ 46.0430, 27.0860,
59.8060

■ 115.6520, 1.1000,
2.0920

■ 122.9950, -1.6040,
-3.9720

■ 130.3380, -4.3080,
-10.0360

■ 136.7950, -7.3330,
-15.7890

■ 144.1380,
-10.0370, -21.8530

Harmonies

Analogous

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



77.1860, -26.0460, 20.4980



79.5240, 14.3450, 31.8890



75.5950, 41.9460, 32.7780

Triad

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



79.5240, 14.3450, 31.8890



73.0390, 38.6540, -17.7140



66.6750, -59.6010, -15.6730

Complementary

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



79.5240, 14.3450, 31.8890



93.4760, -14.3450, -31.8890

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.



62.5710, -48.0450, -26.8690



79.5240, 14.3450, 31.8890



69.2700, 15.5940, -29.3180

Square

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



79.5240, 14.3450, 31.8890



74.5760, 50.9840, 1.1280



60.1090, -29.4290, -33.8530



68.6930, -68.0390, -5.9190

Rectangle

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



79.5240, 14.3450, 31.8890



73.8700, 51.1170, 26.2610



60.1090, -29.4290, -33.8530



65.8940, -56.0240, -19.9280

Sweetspot

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



79.5240, 14.3450, 31.8890



138.3140, 5.4080, 12.1280



65.1170, -21.5980, 16.9780



67.5970, 2.9330, 7.4210



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.



79.5240, 14.3450, 31.8890



93.0820, 22.1820, 49.5580



78.0550, 25.6710, 24.8630



55.1790, 1.0540, 2.9260



47.6950, 28.1860, 61.8980



97.2700, 56.8300, 126.5100

Inverse Universe

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



74.4070, 35.9430, 14.9110



85.2140, 55.8400, 23.2640



94.9450, -25.6710, -24.8630



54.7940, 3.5760, 1.2720



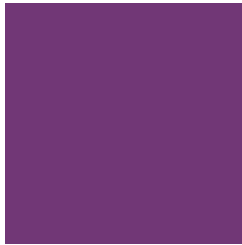
37.6180, 69.5020, 28.9740



77.0300, 142.5800, 59.2200

Previews

White Background



This preview shows how the YIQ color 79.5240, 14.3450, 31.8890 looks on a white background.

Color Contrast Check

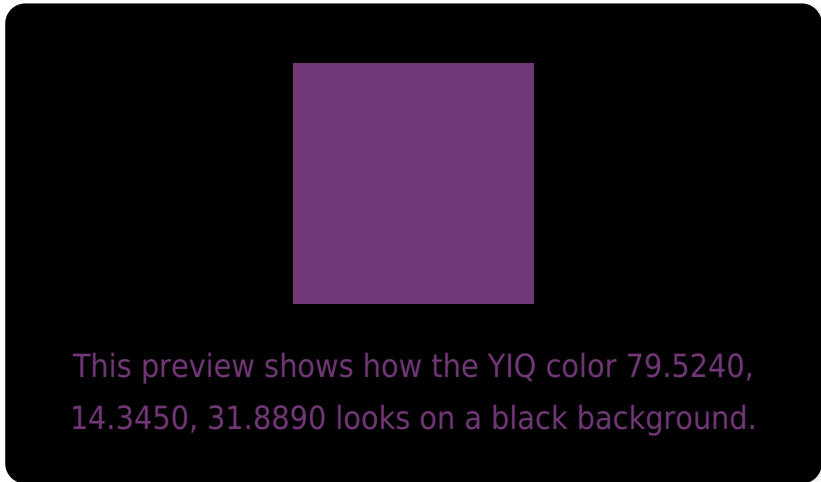
Large Text (above 18pt) WCAG AA ✓ Pass

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

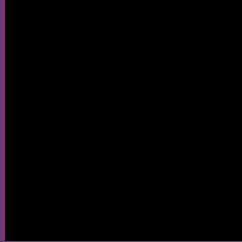
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.5240, 14.3450, 31.8890

Background



This preview shows how black text looks on a background with the YIQ color 79.5240, 14.3450, 31.8890.



This preview shows how white text looks on a background with the YIQ color 79.5240, 14.3450,

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

79.5240, 14.3450, 31.8890

Protanopia

75.4790, -34.4810, 13.6710

Deuteranopia

77.9180, -19.9000, 8.2280



Tritanopia

79.5300, 22.2350, 10.0350

Trichromacy



Original Color

79.5240, 14.3450, 31.8890

Protanomaly

76.8620, -16.3260, 20.5540

Deuteranomaly

78.7180, -7.2930, 16.5390

Tritanomaly

79.7180, 19.0700, 17.8380

Monochromacy



Original Color

79.5240, 14.3450, 31.8890

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.9010, 5.1330, 11.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.5240, 14.3450, 31.8890 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(113, 55, 118)` looks like.

```
.text, #text, p{  
    color:rgb(113, 55, 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(113, 55, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 55, 118) }
```

Border

The CSS property to change the border of an element to YIQ 79.5240, 14.3450, 31.8890 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(113, 55, 118) }
```


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

```
.border{ border-color:rgb(113, 55, 118) }
```

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

Here you see how a box with a 4 pixel rgb(113, 55, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 55, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 55, 118);  
box-shadow:4px 4px 4px 4px rgb(113, 55,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 79.5240, 14.3450, 31.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 55, 118) }
```

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

```
.background{ background-color: rgb(113, 55,  
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