

Converting Colors

YIQ(95.4160, -2.6660, 37.3180)

Have a look what the booklet for
YIQ(95.4160, -2.6660, 37.3180)
contains.

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Color

**YIQ(95.4160, -2.6660,
37.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	7448A2
RGB	116, 72, 162
RGB Percent	45%, 28%, 64%
CMY	0.5449, 0.7177, 0.3648
CMYK	0.28, 0.56, 0.00, 0.36
HSL	269°, 38%, 46%
HSV	269°, 56%, 64%
XYZ	16.0439, 10.9561, 35.4420
YIQ	95.4160, -2.6660, 37.3180

Conversions

Conversions Part 2

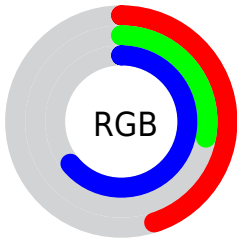
Format	Color
R_{YB}	116, 72, 162
Decimal	7620770
CIE _{Lab}	39.51, 37.08, -41.88
CIE _{LCh}	40, 55.933, 311.521
Yxy	10.9561, 0.2569, 0.1755
Android (android.graphics.Color)	4285810850 (0xFF7448A2)
YUV	95.4160, 32.8259, 18.0522
Hunter-Lab	33.1000, 28.5956, -40.3151

Details

The YIQ color **95.4160, -2.6660, 37.3180** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **138.5840, 2.6660, -37.3180**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.1820, -1.8870, 39.7210**, and **45.7640, -3.7660, 35.2260** is the 20% darker color. If you saturate the color by 10%, you get **83.6320, -3.0340, 43.9900**, and if you desaturate by 10%, it is **107.2000, -2.2980, 30.6460**.

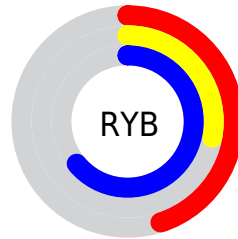
Distribution



Red (45%)

Green (28%)

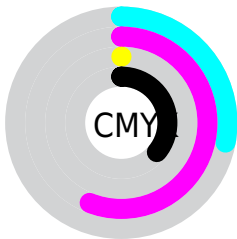
Blue (64%)



Red (45%)

Yellow (28%)

Blue (64%)

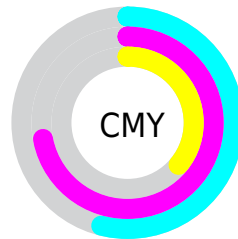


Cyan (28%)

Magenta (56%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (72%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.4160, -2.6660, 37.3180 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 95.4160, -2.6660, 37.3180 by changing the saturation by 10% instead.

95.4160, -2.6660,
37.3180

95.4160, -2.6660,
37.3180

255.0000, -0.0000,
-0.0000

70.4760, -2.8950,
35.9610

147.1820, -1.8870,
39.7210

45.7640, -3.7660,
35.2260

174.4210, -1.0620,
41.2900

21.0520, -4.6370,
34.4910

199.6680, 5.3120,
35.9040

12.0370, -9.4490,
22.5750

224.4760, 14.3000,
27.1960

6.0930, -13.0230,
10.2490

241.4990, 6.3250,
12.0290

2.2970, -5.0900,
4.1420

0.0000, 0.0000,

0.0000

■ 95.4160, -2.6660,
37.3180

■ 95.4160, -2.6660,
37.3180

■ 83.6320, -3.0340,
43.9900

■ 107.2000, -2.2980,
30.6460

■ 71.8480, -3.4020,
50.6620

■ 119.2830, -1.3340,
24.1860

■ 59.1780, -4.0910,
57.6450

■ 131.6540, -1.2410,
16.9910

■ 47.3940, -4.4590,
64.3170

■ 143.4380, -0.8730,
10.3190

■ 42.0890, -4.9180,
67.1300

■ 155.2220, -0.5050,
3.6470

■ 167.3050, 0.4590,
-2.8130

■ 179.0890, 0.8270,
-9.4850

■ 191.4600, 0.9200,
-16.6800

■ 203.2440, 1.2880,
-23.3520

Harmonies

Analogous

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



75.4530, -84.3180, 8.2740



95.4160, -2.6660, 37.3180



89.7390, 42.0810, 46.8570

Triad

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



95.4160, -2.6660, 37.3180



87.6240, 59.0560, -13.0080



78.8710, -66.3850, -24.8890

Complementary

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



95.4160, -2.6660, 37.3180



138.5840, 2.6660, -37.3180

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.



72.8120, -50.7020, -39.2940



95.4160, -2.6660, 37.3180



85.9420, 31.1370, -30.1670

Square

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



95.4160, -2.6660, 37.3180



86.6590, 70.2840, 14.7960



76.4470, -7.3740, -42.5900



83.1860, -79.9130, -10.9930

Rectangle

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



95.4160, -2.6660, 37.3180



85.2110, 61.0630, 44.2550



76.4470, -7.3740, -42.5900



77.0470, -61.2490, -29.8650

Sweetspot

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



95.4160, -2.6660, 37.3180



185.1870, -1.4240, 14.8000



109.2620, -41.5400, 3.9320



91.3840, -0.7810, 8.6510



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



95.4160, -2.6660, 37.3180



106.8190, -4.4580, 58.7900



108.5720, 23.5580, 46.6460



75.2220, -0.5050, 3.6470



37.7590, -4.2290, 60.1470



4.7430, -0.4140, 7.5060

Inverse Universe

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



104.1540, 38.8740, 33.3860



120.6660, 61.5200, 52.4960



125.1290, -24.1540, -46.8580



76.2610, 3.7590, 3.4630



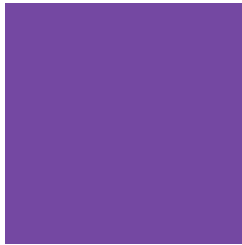
51.7910, 62.6660, 53.7540



6.4080, 7.8390, 6.6150

Previews

White Background



This preview shows how the YIQ color 95.4160, -2.6660, 37.3180 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 95.4160, -2.6660, 37.3180 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 95.4160, -2.6660, 37.3180

Background



This preview shows how black text looks on a background with the YIQ color 95.4160, -2.6660, 37.3180.



This preview shows how white text looks on a background with the YIQ color 95.4160, -2.6660,

37.3180.

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

95.4160, -2.6660, 37.3180

Protanopia

85.4240, -59.0110, 17.7010

Deuteranopia

87.4280, -47.6390, 9.8410



Tritanopia

94.2830, 6.6930, 5.3570

Trichromacy



Original Color

95.4160, -2.6660, 37.3180

Protanomaly

88.8890, -38.1510, 25.1210

Deuteranomaly

90.4350, -31.1810, 19.9470

Tritanomaly

94.6930, 3.0230, 16.8070

Monochromacy



Original Color

95.4160, -2.6660, 37.3180

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.4320, -0.7360, 13.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.4160, -2.6660, 37.3180 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, 72, 162)` looks like.

```
.text, #text, p{  
    color:rgb(116, 72, 162)  
}
```

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, 72, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 72, 162) }
```

Border

The CSS property to change the border of an element to YIQ 95.4160, -2.6660, 37.3180 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, 72, 162) }
```


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

```
.border{ border-color:rgb(116, 72, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 72, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 72, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 72, 162);  
box-shadow:4px 4px 4px 4px rgb(116, 72,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 95.4160, -2.6660, 37.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 72, 162) }
```

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

```
.background{ background-color: rgb(116, 72,  
162) }
```

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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