

Converting Colors

YIQ(95.0240, 18.9290, 36.9210)

Have a look what the booklet for
YIQ(95.0240, 18.9290, 36.9210)
contains.

YIQ(95.0240, 18.9290, 36.9210)	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(95.0240, 18.9290,
36.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	884289
RGB	136, 66, 137
RGB Percent	53%, 26%, 54%
CMY	0.4665, 0.7413, 0.4627
CMYK	0.01, 0.52, 0.00, 0.46
HSL	299°, 35%, 40%
HSV	299°, 52%, 54%
XYZ	16.6243, 10.9380, 24.9039
YIQ	95.0240, 18.9290, 36.9210

Conversions

Conversions Part 2

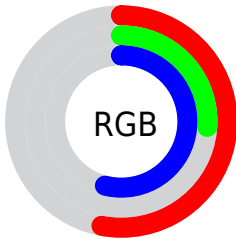
Format	Color
R_{YB}	136, 66, 137
Decimal	8929929
CIE _{Lab}	39.48, 40.50, -26.66
CIE _{LCh}	39, 48.490, 326.643
Yxy	10.9380, 0.3169, 0.2085
Android (android.graphics.Color)	4287120009 (0xFF884289)
YUV	95.0240, 20.6942, 35.9360
Hunter-Lab	33.0727, 31.8474, -21.4947

Details

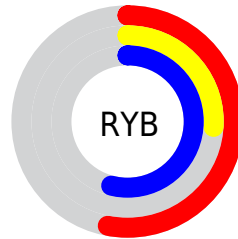
The YIQ color **95.0240, 18.9290, 36.9210** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.9760, -18.9290, -36.9210**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.5620, 20.3500, 38.7020**, and **42.6650, 18.5620, 38.0660** is the 20% darker color. If you saturate the color by 10%, you get **86.8060, 22.7790, 44.2430**, and if you desaturate by 10%, it is **103.2420, 15.0790, 29.5990**.

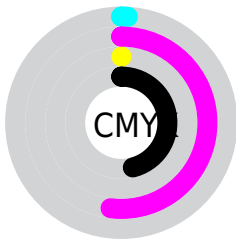
Distribution



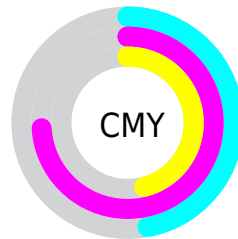
- Red (53%)
- Green (26%)
- Blue (54%)



- Red (53%)
- Yellow (26%)
- Blue (54%)



- Cyan (1%)
- Magenta (52%)
- Yellow (0%)
- Black (46%)



- Cyan (47%)
- Magenta (74%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.0240, 18.9290, 36.9210 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 95.0240, 18.9290, 36.9210 by changing the saturation by 10% instead.

■ 95.0240, 18.9290,
36.9210

■ 95.0240, 18.9290,
36.9210

255.0000, -0.0000,
-0.0000

■ 69.6110, 18.6540,
36.3980

■ 147.5620, 20.3500,
38.7020

■ 42.6650, 18.5620,
38.0660

■ 174.6870, 21.4960,
39.9600

■ 24.8230, 14.9410,
32.1010

■ 202.9860, 22.0920,
40.1720

■ 16.3350, 10.0830,
21.0190

■ 221.5410, 15.6750,
29.8110

■ 2.7530, -6.3740,
5.3860

■ 238.5640, 7.7000,
14.6440

■ 0.0000, 0.0000,
0.0000

95.0240, 18.9290,
36.9210

95.0240, 18.9290,
36.9210

86.8060, 22.7790,
44.2430

103.2420, 15.0790,
29.5990

79.1750, 26.3540,
51.0420

110.8730, 11.5040,
22.8000

70.9570, 30.2040,
58.3640

119.3900, 8.2500,
15.6900

62.4400, 33.4580,
65.4740

127.6080, 4.4000,
8.3680

55.9830, 36.4830,
71.2270


135.2390, 0.8250,
1.5690

143.4570, -3.0250,
-5.7530

151.6750, -6.8750,
-13.0750

160.1920,

-10.1290, -20.1850

 167.8230,
-13.7040, -26.9840

Harmonies

Analogous

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



92.8210, -26.2760, 24.6680



95.0240, 18.9290, 36.9210



90.2370, 49.0060, 36.9900

Triad

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



95.0240, 18.9290, 36.9210



87.5140, 44.3860, -22.4780



79.6350, -71.2920, -18.5560

Complementary

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



95.0240, 18.9290, 36.9210



107.9760, -18.9290, -36.9210

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.



75.0750, -58.4520, -30.9960



95.0240, 18.9290, 36.9210



83.6350, 15.8240, -33.4880

Square

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



95.0240, 18.9290, 36.9210



89.6430, 58.0450, -0.1870



71.4450, -39.4230, -39.9590



81.5220, -80.7390, -7.0350

Rectangle

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



95.0240, 18.9290, 36.9210



88.7570, 58.8650, 29.0170



71.4450, -39.4230, -39.9590



78.1530, -67.1190, -22.5990

Sweetspot

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



95.0240, 18.9290, 36.9210



161.6780, 7.3790, 14.9550



74.6810, -23.0660, 21.5580



79.0210, 4.6750, 8.8910



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



95.0240, 18.9290, 36.9210



113.2450, 29.3330, 57.6290



91.4470, 30.4390, 26.5590



64.8910, 1.9250, 3.6610



54.3310, 35.3830, 69.1350



2.0650, 1.3750, 2.6150

Inverse Universe

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



87.3430, 41.9950, 15.3630



101.3030, 65.8350, 23.8430



111.5530, -30.4390, -26.5590



64.0930, 4.1720, 1.4840



39.9950, 78.6260, 28.8180



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 95.0240, 18.9290, 36.9210 looks on a white background.

Color Contrast Check

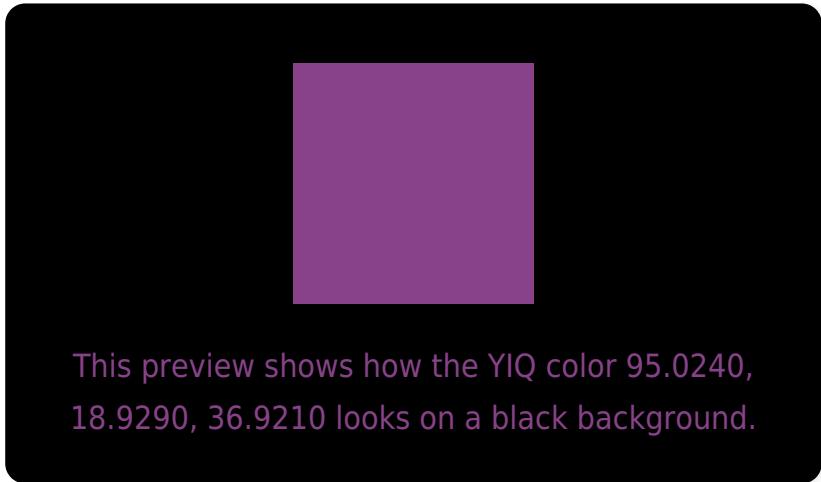
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

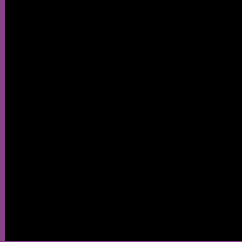
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.0240, 18.9290, 36.9210

Background



This preview shows how black text looks on a background with the YIQ color 95.0240, 18.9290, 36.9210.



This preview shows how white text looks on a background with the YIQ color 95.0240, 18.9290,

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

95.0240, 18.9290, 36.9210

Protanopia

90.9780, -37.3240, 15.6360

Deuteranopia

93.2600, -20.8630, 9.1610



Tritanopia

94.9330, 28.4700, 12.6780

Trichromacy



Original Color

95.0240, 18.9290, 36.9210

Protanomaly

92.5570, -16.7850, 23.3670

Deuteranomaly

93.8970, -6.2390, 19.4650

Tritanomaly

94.7620, 24.9380, 21.6260

Monochromacy



Original Color

95.0240, 18.9290, 36.9210

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.7380, 7.1500, 13.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.0240, 18.9290, 36.9210 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(136, 66, 137)` looks like.

```
.text, #text, p{  
    color:rgb(136, 66, 137)  
}
```

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(136, 66, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 66, 137) }
```

Border

The CSS property to change the border of an element to YIQ 95.0240, 18.9290, 36.9210 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(136, 66, 137) }
```


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

```
.border{ border-color:rgb(136, 66, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 66, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 66, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 66, 137);  
box-shadow:4px 4px 4px 4px rgb(136, 66,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 95.0240, 18.9290, 36.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 66, 137) }
```

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

```
.background{ background-color: rgb(136, 66,  
137) }
```

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