

Converting Colors

YIQ(95.6180, 106.1740, 69.2300)

Have a look what the booklet for
YIQ(95.6180, 106.1740, 69.2300)
contains.

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Color

**YIQ(95.6180, 106.1740,
69.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	F01660
RGB	240, 22, 96
RGB Percent	94%, 9%, 38%
CMY	0.0583, 0.9139, 0.6232
CMYK	0.00, 0.91, 0.60, 0.06
HSL	340°, 88%, 51%
HSV	340°, 91%, 94%
XYZ	38.3849, 19.9671, 12.9197
YIQ	95.6180, 106.1740, 69.2300

Conversions

Conversions Part 2

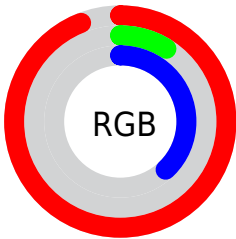
Format	Color
R_{YB}	240, 22, 96
Decimal	15734368
CIE _{Lab}	51.80, 77.34, 18.62
CIE _{LCh}	52, 79.550, 13.535
Yxy	19.9671, 0.5386, 0.2802
Android (android.graphics.Color)	4293924448 (0xFFFF01660)
YUV	95.6180, 0.1883, 126.6230
Hunter-Lab	44.6845, 75.1371, 14.1366

Details

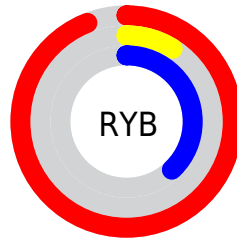
The YIQ color **95.6180, 106.1740, 69.2300** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **166.3820, -106.1740, -69.2300**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1760, 77.3390, 46.6430**, and **58.4380, 88.5250, 53.1730** is the 20% darker color. If you saturate the color by 10%, you get **81.1080, 116.7180, 76.3820**, and if you desaturate by 10%, it is **111.5300, 94.4380, 61.6540**.

Distribution



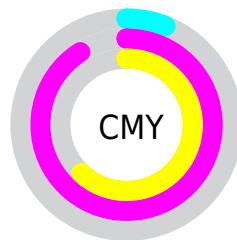
- Red (94%)
- Green (9%)
- Blue (38%)



- Red (94%)
- Yellow (9%)
- Blue (38%)



- Cyan (0%)
- Magenta (91%)
- Yellow (60%)
- Black (6%)





- Cyan (6%)
- Magenta (91%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.6180, 106.1740, 69.2300 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 95.6180, 106.1740, 69.2300 by changing the saturation by 10% instead.


 95.6180, 106.1740,
69.2300


 95.6180, 106.1740,
69.2300


255.0000, -0.0000,
-0.0000


 70.5140, 100.5350,
66.7990


 152.1760, 77.3390,
46.6430


 58.4380, 88.5250,
53.1730


 172.8640, 60.4220,
39.3500

 46.7750, 76.7900,
40.0700


 194.1390, 43.2300,
31.5340

 34.7700, 66.0180,
26.0340

 214.9410, 25.9920,
24.5520

 25.2730, 48.1840,
18.8400

 235.6290, 9.0750,
17.2590

 15.4770, 29.7540,
11.4340

 253.2390, 0.8250,

 0.0000, 0.0000,

1.5690

0.0000

■ 95.6180, 106.1740,
69.2300

■ 95.6180, 106.1740,
69.2300

■ 81.1080, 116.7180,
76.3820

■ 111.5300, 94.4380,
61.6540

■ 127.4420, 82.7020,
54.0780


■ 143.3540, 70.9660,
46.5020


■ 159.2660, 59.2300,
38.9260

■ 175.0640, 47.8150,
31.0390

■ 190.9760, 36.0790,
23.4630

 206.8880, 24.3430,
15.8870

 222.8000, 12.6070,
8.3110

 238.7120, 0.8710,
0.7350

Harmonies

Analogous

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



109.1520, 69.8600, 77.5720



95.6180, 106.1740, 69.2300



110.0730, 104.3490, 19.6850

Triad

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



95.6180, 106.1740, 69.2300



91.7040, -25.2960, -70.2240



112.4240, -120.9050, 5.0390

Complementary

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



95.6180, 106.1740, 69.2300



166.3820, -106.1740, -69.2300

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.



113.3750, -111.1820, -11.4860



95.6180, 106.1740, 69.2300



97.3980, -67.5720, -52.9480

Square

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



95.6180, 106.1740, 69.2300



112.7880, 36.9620, -42.1260



106.7800, -91.2340, -31.6020



100.6840, -115.4050, 15.4990

Rectangle

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



95.6180, 106.1740, 69.2300



114.9560, 90.4160, -8.6560



106.7800, -91.2340, -31.6020



113.7460, -119.1160, 0.1480

Sweetspot

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



95.6180, 106.1740, 69.2300



209.3670, 33.4200, 22.0920



89.3100, 14.6540, 97.9020



100.8550, 19.9420, 13.0460



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



95.6180, 106.1740, 69.2300



86.1630, 124.0530, 81.1170



106.5530, 120.8530, 28.9570



112.0440, 5.8680, 3.7880



62.0840, 89.7620, 58.2900



18.9100, 27.2770, 17.7810

Inverse Universe

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



95.6180, 106.1740, 69.2300



86.1630, 124.0530, 81.1170



155.4470, -120.8530, -28.9570



112.0440, 5.8680, 3.7880



62.0840, 89.7620, 58.2900



18.9100, 27.2770, 17.7810

Previews

White Background



This preview shows how the YIQ color 95.6180, 106.1740, 69.2300 looks on a white background.

Color Contrast Check

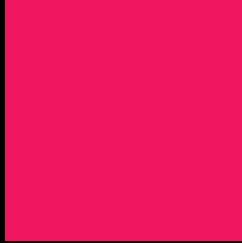
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 95.6180, 106.1740, 69.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

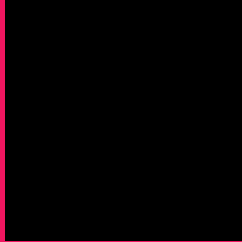
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 95.6180, 106.1740, 69.2300

Background



This preview shows how black text looks on a background with the YIQ color 95.6180, 106.1740, 69.2300.



This preview shows how white text looks on a background with the YIQ color 95.6180, 106.1740,

69.2300.

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

95.6180, 106.1740, 69.2300

Protanopia

124.5250, -5.7320, 4.7640

Deuteranopia

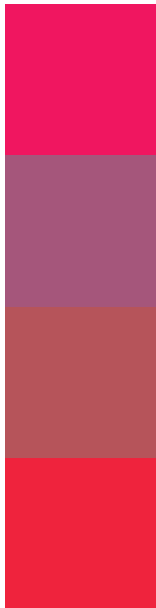
123.9090, 27.8770, -4.1150



Tritanopia

101.0770, 116.8620, 40.7180

Trichromacy



Original Color

95.6180, 106.1740, 69.2300

Protanomaly

113.8390, 35.2070, 28.2550

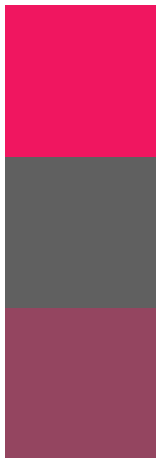
Deuteranomaly

113.9860, 56.4820, 22.6420

Tritanomaly

98.9600, 113.2380, 51.3340

Monochromacy



Original Color

95.6180, 106.1740, 69.2300

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.6990, 38.4170, 25.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.6180, 106.1740, 69.2300 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(240, 22, 96)` looks like.

```
.text, #text, p{  
    color:rgb(240, 22, 96)  
}
```

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(240, 22, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 22, 96) }
```

Border

The CSS property to change the border of an element to YIQ 95.6180, 106.1740, 69.2300 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(240, 22, 96) }
```


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

```
.border{ border-color:rgb(240, 22, 96) }
```

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

Here you see how a box with a 4 pixel rgb(240, 22, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 22, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 22, 96);  
box-shadow:4px 4px 4px 4px rgb(240, 22,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 95.6180, 106.1740, 69.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 22, 96) }
```

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

```
.background{ background-color: rgb(240, 22,  
96) }
```

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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