

Converting Colors

YIQ(110.3130, 96.5470, 61.9790)

Have a look what the booklet for
YIQ(110.3130, 96.5470, 61.9790)
contains.

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Color

**YIQ(110.3130, 96.5470,
61.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	F12C6D
RGB	241, 44, 109
RGB Percent	95%, 17%, 43%
CMY	0.0544, 0.8277, 0.5722
CMYK	0.00, 0.82, 0.55, 0.05
HSL	340°, 88%, 56%
HSV	340°, 82%, 95%
XYZ	39.9825, 21.6248, 16.5587
YIQ	110.3130, 96.5470, 61.9790

Conversions

Conversions Part 2

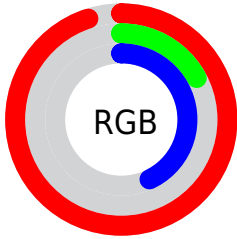
Format	Color
R_{YB}	241, 44, 109
Decimal	15805549
CIE _{Lab}	53.63, 74.52, 13.29
CIE _{LCh}	54, 75.701, 10.113
Yxy	21.6248, 0.5115, 0.2767
Android (android.graphics.Color)	4293995629 (0xFFFF12C6D)
YUV	110.3130, -0.6473, 114.6125
Hunter-Lab	46.5025, 72.0936, 11.4397

Details

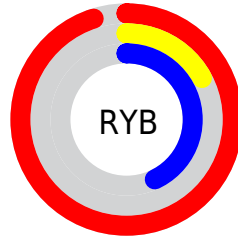
The YIQ color **110.3130, 96.5470, 61.9790** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **174.6870, -96.5470, -61.9790**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6420, 70.0950, 45.7670**, and **60.2900, 86.1860, 57.0180** is the 20% darker color. If you saturate the color by 10%, you get **94.4010, 108.2830, 69.5550**, and if you desaturate by 10%, it is **126.2250, 84.8110, 54.4030**.

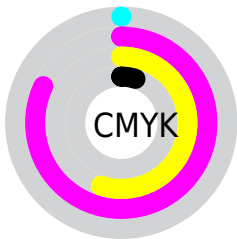
Distribution



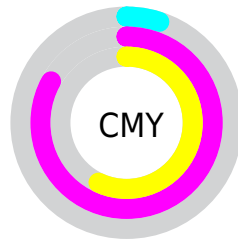
- Red (95%)
- Green (17%)
- Blue (43%)



- Red (95%)
- Yellow (17%)
- Blue (43%)



- Cyan (0%)
- Magenta (82%)
- Yellow (55%)
- Black (5%)





- Cyan (5%)
- Magenta (83%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.3130, 96.5470, 61.9790 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 110.3130, 96.5470, 61.9790 by changing the saturation by 10% instead.


 110.3130, 96.5470,
61.9790


 110.3130, 96.5470,
61.9790


255.0000, -0.0000,
-0.0000


 72.1810, 97.2790,
70.7430


 159.6420, 70.0950,
45.7670


 60.2900, 86.1860,
57.0180


 180.3300, 53.1780,
38.4740


 48.6270, 74.4510,
43.9150


 201.1320, 35.9400,
31.4920

 37.0780, 62.3950,
31.1230

 221.9340, 18.7020,
24.5100

 26.0560, 50.2930,
19.1650

 240.9120, 6.6000,
12.5520

 16.6730, 32.1380,
12.2820

 2.9900, 5.9600,

2.1200

■ 0.0000, 0.0000,
0.0000

■ 110.3130, 96.5470,
61.9790

■ 110.3130, 96.5470,
61.9790

■ 94.4010, 108.2830,
69.5550

■ 126.2250, 84.8110,
54.4030

■ 81.1790, 117.9560,
75.9720

■ 142.1370, 73.0750,
46.8270

■ 158.1630, 61.0180,
39.5620

■ 174.0750, 49.2820,
31.9860

■ 190.5740, 37.2710,
23.8870

206.4860, 25.5350,
16.3110

222.3980, 13.7990,
8.7350

238.3100, 2.0630,
1.1590

250.7000, -8.0230,
-3.2790

Harmonies

Analogous

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



121.4230, 58.4910, 68.8510



110.3130, 96.5470, 61.9790



117.4410, 100.4970, 23.4170

Triad

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



110.3130, 96.5470, 61.9790



103.6310, -5.8570, -64.5850



115.0170, -121.3170, 1.4910

Complementary

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



110.3130, 96.5470, 61.9790



174.6870, -96.5470, -61.9790

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.



115.0390, -110.3560, -15.4440



110.3130, 96.5470, 61.9790



99.6320, -68.3510, -55.3510

Square

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



110.3130, 96.5470, 61.9790



117.8490, 44.1600, -40.4160



108.5580, -90.7290, -35.2490



104.7930, -117.3300, 11.8380

Rectangle

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



110.3130, 96.5470, 61.9790



118.5220, 94.6340, -8.0060



108.5580, -90.7290, -35.2490



116.2250, -119.2070, -3.7110

Sweetspot

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



110.3130, 96.5470, 61.9790



212.5300, 31.4030, 20.0990



105.6270, 14.8390, 89.0390



102.1430, 19.0710, 12.3110



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.



110.3130, 96.5470, 61.9790



89.2120, 122.3570, 78.8130



122.2740, 108.3370, 24.5050



112.0440, 5.8680, 3.7880



61.9700, 90.0830, 57.9790



18.9100, 27.2770, 17.7810

Inverse Universe

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



110.3130, 96.5470, 61.9790



89.2120, 122.3570, 78.8130



162.7260, -108.3370, -24.5050



112.0440, 5.8680, 3.7880



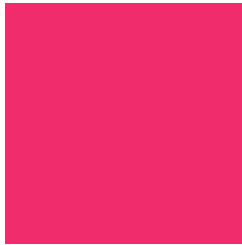
61.9700, 90.0830, 57.9790



18.9100, 27.2770, 17.7810

Previews

White Background



This preview shows how the YIQ color 110.3130, 96.5470, 61.9790 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 110.3130, 96.5470, 61.9790 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 110.3130, 96.5470, 61.9790

Background



This preview shows how black text looks on a background with the YIQ color 110.3130, 96.5470, 61.9790.



This preview shows how white text looks on a background with the YIQ color 110.3130, 96.5470,

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

110.3130, 96.5470, 61.9790

Protanopia

129.4260, -9.7670, 6.3050

Deuteranopia

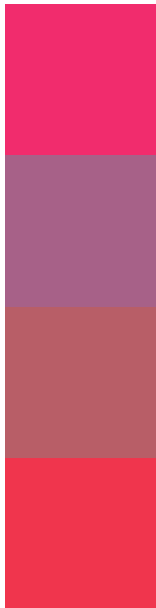
128.7500, 24.0710, -1.2170



Tritanopia

112.2330, 107.5550, 38.6830

Trichromacy



Original Color

110.3130, 96.5470, 61.9790

Protanomaly

122.3760, 29.2010, 26.9690

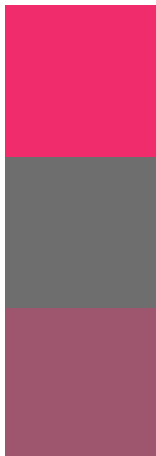
Deuteranomaly

121.9360, 50.7510, 21.8790

Tritanomaly

111.6490, 103.7480, 47.1080

Monochromacy



Original Color

110.3130, 96.5470, 61.9790

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2640, 35.2080, 22.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.3130, 96.5470, 61.9790 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(241, 44, 109)` looks like.

```
.text, #text, p{  
    color:rgb(241, 44, 109)  
}
```

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(241, 44, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 44, 109) }
```

Border

The CSS property to change the border of an element to YIQ 110.3130, 96.5470, 61.9790 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(241, 44, 109) }
```


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

```
.border{ border-color:rgb(241, 44, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 44, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 44, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 44, 109);  
box-shadow:4px 4px 4px 4px rgb(241, 44,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 110.3130, 96.5470, 61.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 44, 109) }
```

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

```
.background{ background-color: rgb(241, 44,  
109) }
```

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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