

Converting Colors

YIQ(104.1070, 90.9550, 53.1870)

Have a look what the booklet for
YIQ(104.1070, 90.9550, 53.1870)
contains.

YIQ(104.1070, 90.9550, 53.1870)	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(104.1070, 90.9550,
53.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	E02D5E
RGB	224, 45, 94
RGB Percent	88%, 18%, 37%
CMY	0.1211, 0.8238, 0.6310
CMYK	0.00, 0.80, 0.58, 0.12
HSL	344°, 74%, 53%
HSV	344°, 80%, 88%
XYZ	33.7362, 18.5466, 12.4108
YIQ	104.1070, 90.9550, 53.1870

Conversions

Conversions Part 2

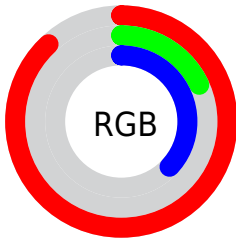
Format	Color
RYB	224, 45, 94
Decimal	14691678
CIELab	50.15, 68.88, 17.08
CIELCh	50, 70.963, 13.931
Yxy	18.5466, 0.5215, 0.2867
Android (android.graphics.Color)	4292881758 (0xFFE02D5E)
YUV	104.1070, -4.9828, 105.1462
Hunter-Lab	43.0657, 64.4655, 13.0596

Details

The YIQ color **104.1070, 90.9550, 53.1870** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **164.8930, -90.9550, -53.1870**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.6440, 75.7810, 41.8370**, and **54.0240, 80.8230, 49.5830** is the 20% darker color. If you saturate the color by 10%, you get **89.3690, 102.1410, 59.7170**, and if you desaturate by 10%, it is **118.8450, 79.7690, 46.6570**.

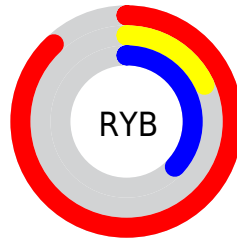
Distribution



Red (88%)

Green (18%)

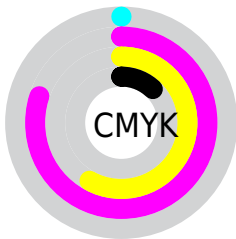
Blue (37%)



Red (88%)

Yellow (18%)

Blue (37%)

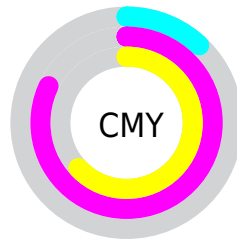


Cyan (0%)

Magenta (80%)

Yellow (58%)

Black (12%)



Cyan (12%)


Magenta (82%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.1070, 90.9550, 53.1870 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 104.1070, 90.9550, 53.1870 by changing the saturation by 10% instead.


 104.1070, 90.9550,
53.1870

 104.1070, 90.9550,
53.1870


255.0000, -0.0000,
-0.0000

 65.8010, 92.2370,
62.9970


 156.6440, 75.7810,
41.8370


 54.0240, 80.8230,
49.5830


 176.7450, 59.1390,
35.0670

 42.4750, 68.7670,
36.7910


 196.8460, 42.4970,
28.2970

 30.4270, 59.5540,
22.0340

 217.6480, 25.2590,
21.3150

 21.9840, 41.6280,
16.5080

 237.8630, 8.2960,
14.8560

 12.0740, 23.5190,
8.7910

 0.0000, 0.0000,

0.0000

■ 104.1070, 90.9550,
53.1870

■ 104.1070, 90.9550,
53.1870

■ 89.3690, 102.1410,
59.7170

■ 118.8450, 79.7690,
46.6570

■ 74.0440, 113.6020,
66.7700

■ 134.2840, 67.9870,
39.9150


■ 73.9300, 113.9230,
66.4590


■ 149.0220, 56.8010,
33.3850


■ 164.3470, 45.3400,
26.3320

■ 179.0850, 34.1540,
19.8020

■ 193.9370, 22.6470,
13.5830

 209.2620, 11.1860,
6.5300

 224.0000, -0.0000,
0.0000

 239.3250,
-11.4610, -7.0530

Harmonies

Analogous

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



111.7450, 60.2800, 63.9600



104.1070, 90.9550, 53.1870



109.7340, 92.0620, 16.5900

Triad

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



104.1070, 90.9550, 53.1870



94.3340, -17.9620, -59.9620



106.1490, -112.8810, 2.7910

Complementary

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



104.1070, 90.9550, 53.1870



164.8930, -90.9550, -53.1870

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.



107.6700, -104.7630, -12.1790



104.1070, 90.9550, 53.1870



93.9900, -66.2430, -49.4990

Square

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



104.1070, 90.9550, 53.1870



108.9560, 36.5490, -40.1470



102.4600, -87.3370, -30.6410



95.8110, -108.5730, 12.8270

Rectangle

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



104.1070, 90.9550, 53.1870



111.0800, 84.1350, -10.4650



102.4600, -87.3370, -30.6410



107.5850, -111.4130, -1.7890

Sweetspot

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



104.1070, 90.9550, 53.1870



214.1770, 30.8990, 18.2190



103.6780, 18.8290, 82.8050



103.2030, 18.8420, 10.9540



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.



104.1070, 90.9550, 53.1870



90.8930, 124.5130, 72.7770



121.4140, 95.9590, 17.5510



104.6310, 5.5930, 3.2650



58.0960, 89.4880, 52.2400



15.8340, 24.4350, 14.2190

Inverse Universe

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



104.1070, 90.9550, 53.1870



90.8930, 124.5130, 72.7770



147.5860, -95.9590, -17.5510



104.6310, 5.5930, 3.2650



58.0960, 89.4880, 52.2400



15.8340, 24.4350, 14.2190

Previews

White Background



This preview shows how the YIQ color 104.1070, 90.9550, 53.1870 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 104.1070, 90.9550, 53.1870 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 104.1070, 90.9550, 53.1870

Background



This preview shows how black text looks on a background with the YIQ color 104.1070, 90.9550, 53.1870.



This preview shows how white text looks on a background with the YIQ color 104.1070, 90.9550,

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

104.1070, 90.9550, 53.1870

Protanopia

120.4390, -2.6140, 3.3220

Deuteranopia

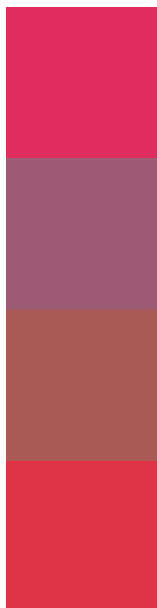
119.9520, 26.3180, -3.3940



Tritanopia

104.4600, 99.4860, 36.2380

Trichromacy



Original Color

104.1070, 90.9550, 53.1870

Protanomaly

114.4700, 31.6320, 21.4560

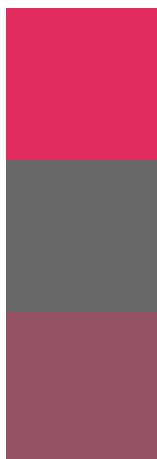
Deuteranomaly

114.2900, 49.5140, 16.7620

Tritanomaly

104.5940, 96.4130, 42.3730

Monochromacy



Original Color

104.1070, 90.9550, 53.1870

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.3730, 33.2830, 19.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.1070, 90.9550, 53.1870 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(224, 45, 94)` looks like.

```
.text, #text, p{  
    color:rgb(224, 45, 94)  
}
```

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(224, 45, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 45, 94) }
```

Border

The CSS property to change the border of an element to YIQ 104.1070, 90.9550, 53.1870 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(224, 45, 94) }
```


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

```
.border{ border-color:rgb(224, 45, 94) }
```

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

Here you see how a box with a 4 pixel rgb(224, 45, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 45, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 45, 94);  
box-shadow:4px 4px 4px 4px rgb(224, 45,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 104.1070, 90.9550, 53.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 45, 94) }
```

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

```
.background{ background-color: rgb(224, 45,  
94) }
```

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