

Converting Colors

YIQ(116.5100, 114.3850,
47.0650)

Have a look what the booklet for
YIQ(116.5100, 114.3850, 47.0650)
contains.

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Color

**YIQ(116.5100, 114.3850,
47.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3746
RGB	255, 55, 70
RGB Percent	100%, 22%, 27%
CMY	0.0000, 0.7846, 0.7250
CMYK	0.00, 0.78, 0.73, 0.00
HSL	355°, 100%, 61%
HSV	355°, 78%, 100%
XYZ	43.7113, 24.4280, 8.2243
YIQ	116.5100, 114.3850, 47.0650

Conversions

Conversions Part 2

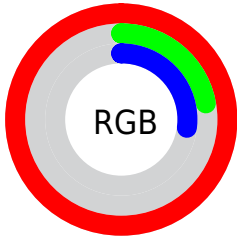
Format	Color
R_{YB}	255, 55, 70
Decimal	16725830
CIE _{Lab}	56.51, 73.38, 40.48
CIE _{LCh}	57, 83.807, 28.883
Yxy	24.4280, 0.5724, 0.3199
Android (android.graphics.Color)	4294915910 (0xFFFF3746)
YUV	116.5100, -22.9294, 121.4557
Hunter-Lab	49.4247, 71.3723, 24.7314

Details

The YIQ color **116.5100, 114.3850, 47.0650** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **193.4900, -114.3850, -47.0650**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6640, 81.0560, 28.8320**, and **59.7740, 104.8940, 48.3660** is the 20% darker color. If you saturate the color by 10%, you get **98.6260, 128.9180, 53.5100**, and if you desaturate by 10%, it is **133.9210, 99.8060, 41.4540**.

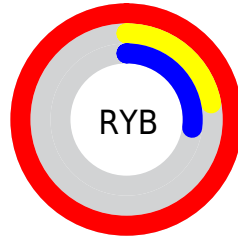
Distribution



Red (100%)

Green (22%)

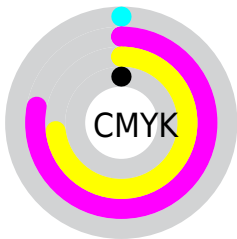
Blue (27%)



Red (100%)

Yellow (22%)

Blue (27%)

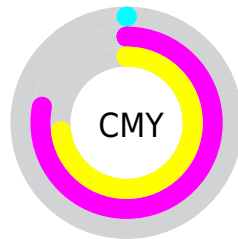


Cyan (0%)

Magenta (78%)

Yellow (73%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.5100, 114.3850, 47.0650 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 116.5100, 114.3850, 47.0650 by changing the saturation by 10% instead.


 116.5100,
114.3850, 47.0650


 116.5100,
114.3850, 47.0650


255.0000, -0.0000,
-0.0000


 71.8500, 116.9040,
61.9920


 159.6640, 81.0560,
28.8320


 59.7740, 104.8940,
48.3660


 180.2380, 64.4600,
21.2280


 47.2850, 92.6090,
34.2170


 200.8120, 47.8640,
13.6240

 37.3750, 74.5000,
26.5000

 221.6140, 30.6260,
6.6420

 28.3340, 55.3820,
20.5500

 242.4160, 13.3880,
-0.3400

 19.4780, 37.1810,
14.5010

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 116.5100,
114.3850, 47.0650

■ 116.5100,
114.3850, 47.0650

■ 98.6260, 128.9180,
53.5100

■ 133.9210, 99.8060,
41.4540

■ 81.2150, 143.4970,
59.1210

■ 151.8050, 85.2730,
35.0090

■ 78.4110, 145.8810,
59.9690

■ 169.2160, 70.6940,
29.3980

■ 187.1000, 56.1610,
22.9530

■ 204.5110, 41.5820,
17.3420

■ 222.5090, 26.7280,
11.2080

■ 239.8060, 12.4700,
5.2860

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



108.2820, 98.9730, 84.1010



116.5100, 114.3850, 47.0650



124.7790, 104.2160, -5.4480

Triad

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



116.5100, 114.3850, 47.0650



100.4350, -60.9670, -68.0310



114.7720, -122.0050, 2.9470

Complementary

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



116.5100, 114.3850, 47.0650



193.4900, -114.3850, -47.0650

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.



123.5770, -126.1300, -4.8980



116.5100, 114.3850, 47.0650



112.3760, -87.7010, -46.0770

Square

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



116.5100, 114.3850, 47.0650



116.7430, 14.4990, -59.0450



120.8120, -111.4550, -23.0630



132.7320, -44.2980, 42.9180

Rectangle

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



116.5100, 114.3850, 47.0650



128.1140, 77.6270, -24.6850



120.8120, -111.4550, -23.0630



118.8810, -123.9300, -0.7140

Sweetspot

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



116.5100, 114.3850, 47.0650



212.6950, 35.0720, 14.1760



132.5170, 44.8680, 100.9960



102.2910, 21.4100, 8.4660



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.



116.5100, 114.3850, 47.0650



88.8120, 137.2620, 56.4780



163.5210, 96.3750, -1.0090



119.0010, 7.4270, 3.0670



58.8190, 109.0210, 45.1570



19.7060, 36.5390, 15.1230

Inverse Universe

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



116.5100, 114.3850, 47.0650



88.8120, 137.2620, 56.4780



146.4790, -96.3750, 1.0090



119.0010, 7.4270, 3.0670



58.8190, 109.0210, 45.1570



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 116.5100, 114.3850, 47.0650 looks on a white background.

Color Contrast Check

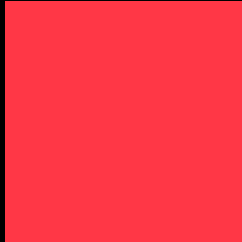
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.5100, 114.3850, 47.0650 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 116.5100, 114.3850, 47.0650

Background



This preview shows how black text looks on a background with the YIQ color 116.5100, 114.3850, 47.0650.



This preview shows how white text looks on a background with the YIQ color 116.5100, 114.3850,

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

116.5100, 114.3850, 47.0650

Protanopia

134.5440, 18.4790, -10.0090

Deuteranopia

132.8660, 46.6310, -13.6010



Tritanopia

116.3160, 117.6870, 42.2870

Trichromacy



Original Color

116.5100, 114.3850, 47.0650

Protanomaly

128.3410, 53.5040, 10.5280

Deuteranomaly

126.7420, 71.2480, 8.3360

Tritanomaly

116.1850, 116.6780, 44.0540

Monochromacy



Original Color

116.5100, 114.3850, 47.0650

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.3970, 41.9030, 17.0310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.5100, 114.3850, 47.0650 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(255, 55, 70)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 70)  
}
```

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(255, 55, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 70) }
```

Border

The CSS property to change the border of an element to YIQ 116.5100, 114.3850, 47.0650 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(255, 55, 70) }
```


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

```
.border{ border-color:rgb(255, 55, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 55, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 70);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 116.5100, 114.3850, 47.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 70) }
```

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

```
.background{ background-color: rgb(255, 55,  
70) }
```

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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