

Converting Colors

YIQ(117.9820, 107.0040,
43.1640)

Have a look what the booklet for
YIQ(117.9820, 107.0040, 43.1640)
contains.

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Color

**YIQ(117.9820, 107.0040,
43.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	F73D49
RGB	247, 61, 73
RGB Percent	97%, 24%, 29%
CMY	0.0309, 0.7610, 0.7133
CMYK	0.00, 0.75, 0.70, 0.03
HSL	356°, 92%, 60%
HSV	356°, 75%, 97%
XYZ	41.2689, 23.6066, 8.7032
YIQ	117.9820, 107.0040, 43.1640

Conversions

Conversions Part 2

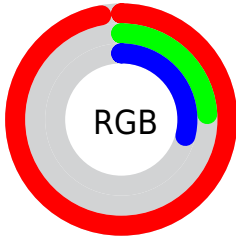
Format	Color
R_{YB}	247, 61, 73
Decimal	16203081
CIE Lab	55.69, 69.60, 37.45
CIE LCh	56, 79.037, 28.286
Yxy	23.6066, 0.5609, 0.3208
Android (android.graphics.Color)	4294393161 (0xFFFF73D49)
YUV	117.9820, -22.1761, 113.1488
Hunter-Lab	48.5866, 66.5892, 23.3902

Details

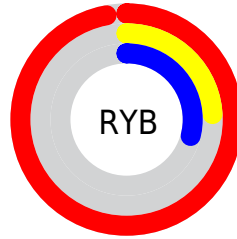
The YIQ color **117.9820, 107.0040, 43.1640** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **190.0180, -107.0040, -43.1640**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **162.3540, 78.9930, 27.6730**, and **57.7240, 99.1630, 47.6030** is the 20% darker color. If you saturate the color by 10%, you get **100.6850, 121.2620, 49.0860**, and if you desaturate by 10%, it is **135.2790, 92.7460, 37.2420**.

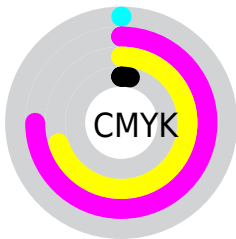
Distribution



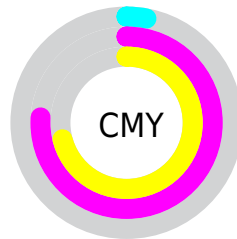
- Red (97%)
- Green (24%)
- Blue (29%)



- Red (97%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (75%)
- Yellow (70%)
- Black (3%)





- Cyan (3%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.9820, 107.0040, 43.1640 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 117.9820, 107.0040, 43.1640 by changing the saturation by 10% instead.


 117.9820,
107.0040, 43.1640


 117.9820,
107.0040, 43.1640


255.0000, -0.0000,
-0.0000


 79.9640, 107.4150,
52.2390


 162.3540, 78.9930,
27.6730


 58.0230, 99.7590,
47.8150


 182.3410, 62.6720,
20.5920


 45.9470, 87.7490,
34.1890


 202.3280, 46.3510,
13.5110

 35.5810, 70.9240,
25.2280

 223.1300, 29.1130,
6.5290

 26.5400, 51.8060,
19.2780

 243.9320, 11.8750,
-0.4530

 17.5700, 33.9260,
12.9180

 5.3820, 10.7280,

3.8160

■ 0.0000, 0.0000,
0.0000

■ 117.9820,
107.0040, 43.1640

■ 117.9820,
107.0040, 43.1640

■ 100.6850,
121.2620, 49.0860

■ 135.2790, 92.7460,
37.2420

■ 83.9750, 135.2450,
54.4850

■ 151.9890, 78.7630,
31.8430

■ 75.6770, 142.0760,
57.3400

■ 169.2860, 64.5050,
25.9210

■ 186.5830, 50.2470,
19.9990

■ 203.4070, 35.9430,
14.9110

220.7040, 21.6850,
8.9890

238.0010, 7.4270,
3.0670

252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



115.3530, 91.0430, 73.6270



117.9820, 107.0040, 43.1640



123.2840, 101.2360, -6.5080

Triad

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



117.9820, 107.0040, 43.1640



98.9020, -60.7840, -65.8400



113.5980, -121.4550, 3.9930

Complementary

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



117.9820, 107.0040, 43.1640



190.0180, -107.0040, -43.1640

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.



121.2460, -123.7000, -4.8840



117.9820, 107.0040, 43.1640



109.5720, -85.3170, -45.2290

Square

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



117.9820, 107.0040, 43.1640



115.8790, 17.1120, -56.8400



118.1390, -108.0620, -23.9820



132.1340, -45.4900, 42.4940

Rectangle

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



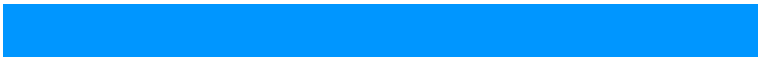
117.9820, 107.0040, 43.1640



126.0430, 76.3890, -24.2750



118.1390, -108.0620, -23.9820



117.1200, -123.1050, 0.8550

Sweetspot

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



117.9820, 107.0040, 43.1640



214.0970, 33.8800, 13.7520



134.2300, 43.9980, 94.7340



102.9920, 20.8140, 8.2540



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.



117.9820, 107.0040, 43.1640



95.5940, 131.9440, 53.7360



164.1610, 88.5810, -2.9310



113.7020, 6.8310, 2.8550



56.9820, 107.0040, 43.1640



18.0970, 33.8800, 13.7520

Inverse Universe

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



117.9820, 107.0040, 43.1640



95.5940, 131.9440, 53.7360



143.8390, -88.5810, 2.9310



113.7020, 6.8310, 2.8550



56.9820, 107.0040, 43.1640



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 117.9820, 107.0040, 43.1640 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 117.9820, 107.0040, 43.1640 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 117.9820, 107.0040, 43.1640

Background



This preview shows how black text looks on a background with the YIQ color 117.9820, 107.0040, 43.1640.



This preview shows how white text looks on a background with the YIQ color 117.9820, 107.0040,

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

117.9820, 107.0040, 43.1640

Protanopia

132.7010, 16.5990, -8.9770

Deuteranopia

130.9520, 43.5130, -12.1590



Tritanopia

117.5430, 109.6180, 39.8420

Trichromacy



Original Color

117.9820, 107.0040, 43.1640

Protanomaly

127.1880, 49.5610, 10.4010

Deuteranomaly

126.2900, 66.7090, 7.9970

Tritanomaly

117.8850, 108.6550, 40.7750

Monochromacy



Original Color

117.9820, 107.0040, 43.1640

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9020, 38.9230, 15.9710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.9820, 107.0040, 43.1640 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(247, 61, 73)` looks like.

```
.text, #text, p{  
    color:rgb(247, 61, 73)  
}
```

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(247, 61, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 61, 73) }
```

Border

The CSS property to change the border of an element to YIQ 117.9820, 107.0040, 43.1640 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(247, 61, 73) }
```


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

```
.border{ border-color:rgb(247, 61, 73) }
```

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

Here you see how a box with a 4 pixel rgb(247, 61, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 61, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 61, 73);  
box-shadow:4px 4px 4px 4px rgb(247, 61,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 117.9820, 107.0040, 43.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 61, 73) }
```

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

```
.background{ background-color: rgb(247, 61,  
73) }
```

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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