

Converting Colors

YIQ(105.4360, 117.2290,
39.5730)

Have a look what the booklet for
YIQ(105.4360, 117.2290, 39.5730)
contains.

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Color

**YIQ(105.4360, 117.2290,
39.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	F2302B
RGB	242, 48, 43
RGB Percent	95%, 19%, 17%
CMY	0.0505, 0.8120, 0.8309
CMYK	0.00, 0.80, 0.82, 0.05
HSL	1°, 89%, 56%
HSV	1°, 82%, 95%
XYZ	38.1500, 21.1805, 4.3745
YIQ	105.4360, 117.2290, 39.5730

Conversions

Conversions Part 2

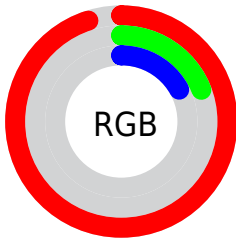
Format	Color
R_{YB}	242, 48, 43
Decimal	15872043
CIE _{Lab}	53.15, 70.78, 50.72
CIE _{LCh}	53, 87.077, 35.624
Yxy	21.1805, 0.5989, 0.3325
Android (android.graphics.Color)	4294062123 (0xFFFF2302B)
YUV	105.4360, -30.7809, 119.7666
Hunter-Lab	46.0223, 67.4279, 26.5799

Details

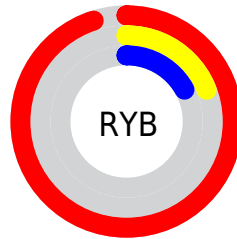
The YIQ color **105.4360, 117.2290, 39.5730** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **179.5640, -117.2290, -39.5730**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.3630, 91.9690, 23.7850**, and **52.6240, 104.8960, 37.3120** is the 20% darker color. If you saturate the color by 10%, you get **88.6120, 131.5330, 44.6610**, and if you desaturate by 10%, it is **122.2600, 102.9250, 34.4850**.

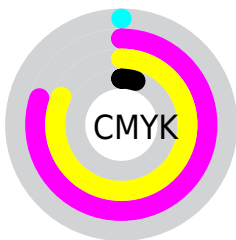
Distribution



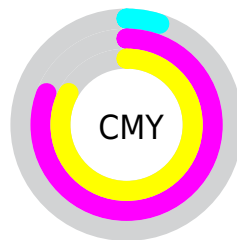
- Red (95%)
- Green (19%)
- Blue (17%)



- Red (95%)
- Yellow (19%)
- Blue (17%)



- Cyan (0%)
- Magenta (80%)
- Yellow (82%)
- Black (5%)




- Cyan (5%)
- Magenta (81%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 105.4360, 117.2290, 39.5730 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 105.4360, 117.2290, 39.5730 by changing the saturation by 10% instead.


 105.4360,
117.2290, 39.5730


 105.4360,
117.2290, 39.5730


255.0000, -0.0000,
-0.0000


 64.7710, 118.1440,
50.5280


 152.3630, 91.9690,
23.7850


 52.9230, 105.4920,
37.5240


 172.8230, 75.6940,
15.8700


 43.0560, 85.8240,
30.5280

 192.8100, 59.3730,
8.7890

 33.4880, 66.7520,
23.7440

 213.4980, 42.4560,
1.4960

 24.8600, 47.9090,
18.3170

 234.1860, 25.5390,
-5.7970

 15.4770, 29.7540,
11.4340

 251.5800, 9.6300,

 0.0000, 0.0000,

-9.3300

0.0000

254.7720, 0.6420,
-0.6220

■ 105.4360,
117.2290, 39.5730

■ 105.4360,
117.2290, 39.5730

■ 88.6120, 131.5330,
44.6610

■ 122.2600,
102.9250, 34.4850

■ 75.8800, 142.5820,
48.1660

■ 138.6110, 88.5750,
30.2310

■ 155.4350, 74.2710,
25.1430

■ 171.6720, 60.2420,
20.5780

■ 188.4960, 45.9380,
15.4900

205.3200, 31.6340,
10.4020

221.6710, 17.2840,
6.1480

238.4950, 2.9800,
1.0600

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



88.8710, 113.5520, 89.7120



105.4360, 117.2290, 39.5730



117.9240, 93.4420, -8.4300

Triad

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



105.4360, 117.2290, 39.5730



97.1240, -61.2890, -62.1930



107.1410, -118.4300, 9.7460

Complementary

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



105.4360, 117.2290, 39.5730



179.5640, -117.2290, -39.5730

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.



117.7070, -123.3800, 0.3320



105.4360, 117.2290, 39.5730



108.1190, -88.1150, -38.5710

Square

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



105.4360, 117.2290, 39.5730



102.4460, -6.7740, -64.4860



116.4410, -111.5480, -15.8680



127.9890, -25.5480, 55.5400

Rectangle

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



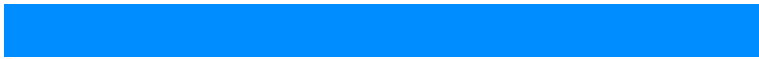
105.4360, 117.2290, 39.5730



119.4760, 64.7440, -27.9920



116.4410, -111.5480, -15.8680



111.8370, -120.6300, 5.5620

Sweetspot

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



105.4360, 117.2290, 39.5730



211.3100, 37.5940, 12.5220



124.8450, 55.6880, 103.1440



101.2480, 22.9690, 7.7450



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.



105.4360, 117.2290, 39.5730



81.8700, 148.5420, 50.2860



162.9620, 90.2790, -11.6810



111.5880, 7.1520, 2.5440



57.3640, 108.5640, 36.9160



17.3310, 33.1010, 11.3490

Inverse Universe

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



179.5640, -117.2290, -39.5730



176.1300, -148.5420, -50.2860



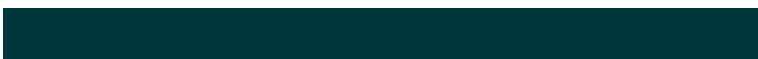
122.0380, -90.2790, 11.6810



116.4120, -7.1520, -2.5440



126.0490, -108.2890, -36.3930



38.6690, -33.1010, -11.3490

Previews

White Background



This preview shows how the YIQ color 105.4360, 117.2290, 39.5730 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 105.4360, 117.2290, 39.5730 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 105.4360, 117.2290, 39.5730

Background



This preview shows how black text looks on a background with the YIQ color 105.4360, 117.2290, 39.5730.



This preview shows how white text looks on a background with the YIQ color 105.4360, 117.2290,

39.5730.

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

105.4360, 117.2290, 39.5730

Protanopia

124.5910, 28.2920, -17.1480

Deuteranopia

121.7880, 55.2980, -21.9980



Tritanopia

105.3050, 116.2200, 41.3400

Trichromacy



Original Color

105.4360, 117.2290, 39.5730

Protanomaly

117.7190, 60.8870, 3.3750

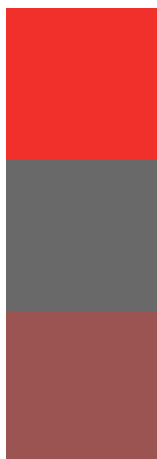
Deuteranomaly

115.4080, 77.7600, 0.4480

Tritanomaly

105.1910, 116.5410, 41.0290

Monochromacy



Original Color

105.4360, 117.2290, 39.5730

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0010, 42.9580, 14.4300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.4360, 117.2290, 39.5730 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(242, 48, 43)` looks like.

```
.text, #text, p{  
    color:rgb(242, 48, 43)  
}
```

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(242, 48, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 48, 43) }
```

Border

The CSS property to change the border of an element to YIQ 105.4360, 117.2290, 39.5730 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(242, 48, 43) }
```


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

```
.border{ border-color:rgb(242, 48, 43) }
```

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

Here you see how a box with a 4 pixel rgb(242, 48, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 48, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 48, 43);  
box-shadow:4px 4px 4px 4px rgb(242, 48,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 105.4360, 117.2290, 39.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 48, 43) }
```

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

```
.background{ background-color: rgb(242, 48,  
43) }
```

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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