

Converting Colors

YIQ(109.3060, 123.6470,
44.4070)

Have a look what the booklet for
YIQ(109.3060, 123.6470, 44.4070)
contains.

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Color

**YIQ(109.3060, 123.6470,
44.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2F30
RGB	255, 47, 48
RGB Percent	100%, 18%, 19%
CMY	0.0000, 0.8159, 0.8113
CMYK	0.00, 0.82, 0.81, 0.00
HSL	360°, 100%, 59%
HSV	360°, 82%, 100%
XYZ	42.7891, 23.5005, 5.0907
YIQ	109.3060, 123.6470, 44.4070

Conversions

Conversions Part 2

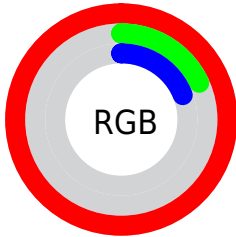
Format	Color
R_{YB}	255, 47, 48
Decimal	16723760
CIE _{Lab}	55.58, 74.66, 51.37
CIE _{LCh}	56, 90.623, 34.532
Yxy	23.5005, 0.5995, 0.3292
Android (android.graphics.Color)	4294913840 (0xFFFF2F30)
YUV	109.3060, -30.2239, 127.7736
Hunter-Lab	48.4773, 72.7201, 27.7080

Details

The YIQ color **109.3060, 123.6470, 44.4070** 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 **192.6940, -123.6470, -44.4070**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1070, 89.8140, 24.2940**, and **56.7390, 112.0020, 40.6900** is the 20% darker color. If you saturate the color by 10%, you get **91.1940, 138.8220, 50.2300**, and if you desaturate by 10%, it is **126.8310, 108.7470, 39.1070**.

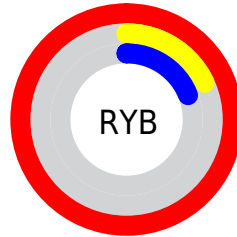
Distribution



Red (100%)

Green (18%)

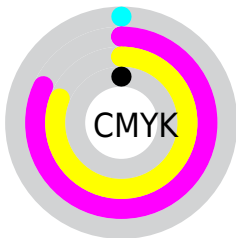
Blue (19%)



Red (100%)

Yellow (18%)

Blue (19%)

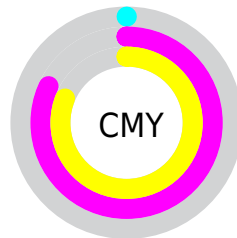


Cyan (0%)

Magenta (82%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.3060, 123.6470, 44.4070 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 109.3060, 123.6470, 44.4070 by changing the saturation by 10% instead.


 109.3060,
123.6470, 44.4070


 109.3060,
123.6470, 44.4070


255.0000, -0.0000,
-0.0000


 69.2280, 124.2870,
54.8390

 154.1070, 89.8140,
24.2940


 56.7390, 112.0020,
40.6900


 174.5670, 73.5390,
16.3790


 46.6440, 92.9760,
33.0720


 195.2550, 56.6220,
9.0860

 36.7770, 73.3080,
26.0760

 215.9430, 39.7050,
1.7930

 27.7360, 54.1900,
20.1260

 236.6310, 22.7880,
-5.5000

 18.8800, 35.9890,
14.0770

 252.2640, 7.7040,

 7.5890, 14.5790,

-7.4640

5.6110

■ 0.0000, 0.0000,
0.0000

■ 109.3060,
123.6470, 44.4070

■ 109.3060,
123.6470, 44.4070

■ 91.1940, 138.8220,
50.2300

■ 126.8310,
108.7470, 39.1070

■ 76.3590, 151.6590,
54.3710

■ 145.0570, 93.2510,
33.5950

■ 162.5820, 78.3510,
28.2950

■ 180.8080, 62.8550,
22.7830

■ 198.3330, 47.9550,
17.4830

■ 216.4450, 32.7800,
11.6600

■ 234.0840, 17.5590,
6.6710

■ 252.1960, 2.3840,
0.8480

■ 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.



90.4950, 111.8550, 92.9350



109.3060, 123.6470, 44.4070



123.5610, 98.8980, -8.1900

Triad

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



109.3060, 123.6470, 44.4070



101.2330, -63.2140, -65.8540



111.2500, -120.3550, 6.0850

Complementary

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



109.3060, 123.6470, 44.4070



192.6940, -123.6470, -44.4070

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.



122.4030, -125.5800, -3.8520



109.3060, 123.6470, 44.4070



113.2710, -91.5990, -41.5110

Square

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



109.3060, 123.6470, 44.4070



108.0610, -4.2520, -66.1400



122.0490, -116.3160, -17.5640



132.5650, -27.2900, 54.0700

Rectangle

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



109.3060, 123.6470, 44.4070



125.4010, 69.3290, -28.4870



122.0490, -116.3160, -17.5640



115.9460, -122.5550, 1.9010

Sweetspot

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



109.3060, 123.6470, 44.4070



212.2390, 36.3560, 12.9320



132.0070, 55.4120, 108.1480



102.0630, 22.0520, 7.8440



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.



109.3060, 123.6470, 44.4070



79.9780, 148.3580, 53.6220



167.8920, 96.4680, -8.2040



118.8870, 7.7480, 2.7560



57.2230, 113.5150, 40.8030



19.1360, 38.1440, 13.5680

Inverse Universe

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



109.3060, 123.6470, 44.4070



79.9780, 148.3580, 53.6220



133.5210, -96.1930, 8.7270



118.8870, 7.7480, 2.7560



57.2230, 113.5150, 40.8030



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 109.3060, 123.6470, 44.4070 looks on a white background.

Color Contrast Check

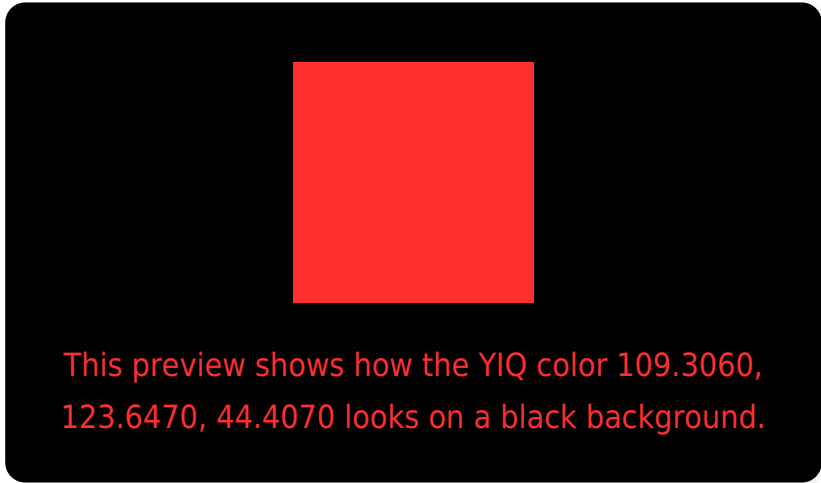
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 109.3060, 123.6470, 44.4070

Background



This preview shows how black text looks on a background with the YIQ color 109.3060, 123.6470, 44.4070.



This preview shows how white text looks on a background with the YIQ color 109.3060, 123.6470,

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

109.3060, 123.6470, 44.4070

Protanopia

130.7050, 27.9710, -16.8370

Deuteranopia

127.9730, 56.2150, -22.0970



Tritanopia

109.0780, 124.2890, 43.7850

Trichromacy



Original Color

109.3060, 123.6470, 44.4070

Protanomaly

122.6700, 62.5830, 5.6790

Deuteranomaly

121.3160, 81.0150, 2.0310

Tritanomaly

109.1920, 123.9680, 44.0960

Monochromacy



Original Color

109.3060, 123.6470, 44.4070

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.8380, 44.9750, 16.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.3060, 123.6470, 44.4070 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, 47, 48)` looks like.

```
.text, #text, p{  
    color:rgb(255, 47, 48)  
}
```

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, 47, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 47, 48) }
```

Border

The CSS property to change the border of an element to YIQ 109.3060, 123.6470, 44.4070 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, 47, 48) }
```


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

```
.border{ border-color:rgb(255, 47, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 47, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 47, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 47, 48);  
box-shadow:4px 4px 4px 4px rgb(255, 47,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 109.3060, 123.6470, 44.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 47, 48) }
```

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

```
.background{ background-color: rgb(255, 47,  
48) }
```

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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