

Converting Colors

YIQ(107.2130, 119.4750,
42.9230)

Have a look what the booklet for
YIQ(107.2130, 119.4750, 42.9230)
contains.

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Color

**YIQ(107.2130, 119.4750,
42.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	F82F30
RGB	248, 47, 48
RGB Percent	97%, 18%, 19%
CMY	0.0270, 0.8159, 0.8113
CMYK	0.00, 0.81, 0.81, 0.03
HSL	360°, 94%, 58%
HSV	360°, 81%, 97%
XYZ	40.3039, 22.2195, 4.9739
YIQ	107.2130, 119.4750, 42.9230

Conversions

Conversions Part 2

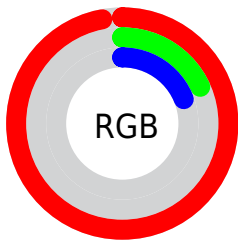
Format	Color
R_{YB}	248, 47, 48
Decimal	16265008
CIE _{Lab}	54.26, 72.80, 49.64
CIE _{LCh}	54, 88.114, 34.290
Yxy	22.2195, 0.5971, 0.3292
Android (android.graphics.Color)	4294455088 (0xFFFF82F30)
YUV	107.2130, -29.1920, 123.4702
Hunter-Lab	47.1375, 70.1316, 26.7400

Details

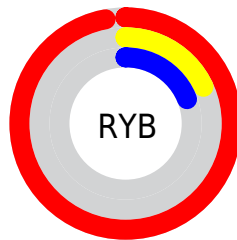
The YIQ color **107.2130, 119.4750, 42.9230** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **187.7870, -119.4750, -42.9230**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5200, 90.0890, 24.8170**, and **54.6460, 107.8300, 39.2060** is the 20% darker color. If you saturate the color by 10%, you get **89.6880, 134.3750, 48.2230**, and if you desaturate by 10%, it is **124.7380, 104.5750, 37.6230**.

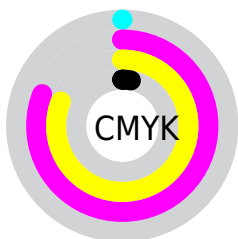
Distribution



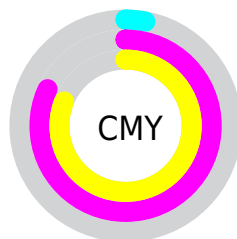
- Red (97%)
- Green (18%)
- Blue (19%)



- Red (97%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (81%)
- Yellow (81%)
- Black (3%)





- Cyan (3%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.2130, 119.4750, 42.9230 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 107.2130, 119.4750, 42.9230 by changing the saturation by 10% instead.


 107.2130,
119.4750, 42.9230


 107.2130,
119.4750, 42.9230


255.0000, -0.0000,
-0.0000


 67.1350, 120.1150,
53.3550


 153.5200, 90.0890,
24.8170


 54.6460, 107.8300,
39.2060


 173.9800, 73.8140,
16.9020


 44.8500, 89.4000,
31.8000


 193.9670, 57.4930,
9.8210

 35.2820, 70.3280,
25.0160

 214.6550, 40.5760,
2.5280

 26.0560, 50.2930,
19.1650

 235.4570, 23.3380,
-4.4540

 16.9720, 32.7340,
12.4940

 252.1500, 8.0250,

 3.8870, 7.7480,

-7.7750

2.7560

■ 0.0000, 0.0000,
0.0000

■ 107.2130,
119.4750, 42.9230

■ 107.2130,
119.4750, 42.9230

■ 89.6880, 134.3750,
48.2230

■ 124.7380,
104.5750, 37.6230

■ 74.2660, 147.4870,
52.8870

■ 142.1490, 89.9960,
32.0120

■ 159.0870, 75.3710,
27.2350

■ 176.6120, 60.4710,
21.9350

■ 194.0230, 45.8920,
16.3240

211.5480, 30.9920,
11.0240

229.0730, 16.0920,
5.7240

245.8970, 1.7880,
0.6360

252.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



90.1530, 112.8180, 92.0020



107.2130, 119.4750, 42.9230



120.3050, 96.7430, -7.6810

Triad

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



107.2130, 119.4750, 42.9230



98.6570, -61.4720, -64.3840



109.4890, -119.5300, 7.6540

Complementary

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



107.2130, 119.4750, 42.9230



187.7870, -119.4750, -42.9230

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.



120.0550, -124.4800, -1.7600



107.2130, 119.4750, 42.9230



110.3530, -88.8940, -40.9740

Square

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



107.2130, 119.4750, 42.9230



106.0120, -2.5560, -63.8360



119.0170, -113.2900, -17.3380



129.8960, -29.7200, 54.0560

Rectangle

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



107.2130, 119.4750, 42.9230



122.4440, 67.7700, -27.7660



119.0170, -113.2900, -17.3380



113.5980, -121.4550, 3.9930

Sweetspot

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



107.2130, 119.4750, 42.9230



212.2390, 36.3560, 12.9320



129.1160, 53.4870, 104.4870



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.



107.2130, 119.4750, 42.9230



81.9670, 146.8910, 52.6750



164.0380, 93.1210, -8.1190



116.0010, 7.4270, 3.0670



56.6250, 112.3230, 40.3790



18.2390, 36.3560, 12.9320

Inverse Universe

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



107.2130, 119.4750, 42.9230



81.9670, 146.8910, 52.6750



130.9620, -93.1210, 8.1190



116.0010, 7.4270, 3.0670



56.6250, 112.3230, 40.3790



18.2390, 36.3560, 12.9320

Previews

White Background



This preview shows how the YIQ color 107.2130, 119.4750, 42.9230 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 107.2130, 119.4750, 42.9230 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 107.2130, 119.4750, 42.9230

Background



This preview shows how black text looks on a background with the YIQ color 107.2130, 119.4750, 42.9230.



This preview shows how white text looks on a background with the YIQ color 107.2130, 119.4750,

42.9230.

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

107.2130, 119.4750, 42.9230

Protanopia

127.1610, 26.6870, -15.5930

Deuteranopia

125.2440, 54.0140, -20.7540



Tritanopia

107.0990, 119.7960, 42.6120

Trichromacy



Original Color

107.2130, 119.4750, 42.9230

Protanomaly

120.0010, 60.1530, 5.6650

Deuteranomaly

118.8750, 77.9430, 2.6390

Tritanomaly

107.0990, 119.7960, 42.6120

Monochromacy



Original Color

107.2130, 119.4750, 42.9230

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.9410, 43.1870, 15.7870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.2130, 119.4750, 42.9230 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(248, 47, 48)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 47, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 47, 48) }
```

Border

The CSS property to change the border of an element to YIQ 107.2130, 119.4750, 42.9230 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(248, 47, 48) }
```


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

```
.border{ border-color:rgb(248, 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(248, 47, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 47, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 47, 48);  
box-shadow:4px 4px 4px 4px rgb(248, 47,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 107.2130, 119.4750, 42.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 47, 48) }
```

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

```
.background{ background-color: rgb(248, 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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