

Converting Colors

YIQ(94.2820, -0.7340, 2.2900)

Have a look what the booklet for
YIQ(94.2820, -0.7340, 2.2900)
contains.

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Color

**YIQ(94.2820, -0.7340,
2.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5D63
RGB	95, 93, 99
RGB Percent	37%, 36%, 39%
CMY	0.6274, 0.6353, 0.6118
CMYK	0.04, 0.06, 0.00, 0.61
HSL	260°, 3%, 38%
HSV	260°, 6%, 39%
XYZ	10.8859, 11.1624, 13.3847
YIQ	94.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

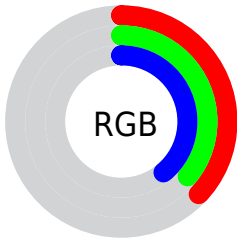
Format	Color
R_{YB}	95, 93, 99
Decimal	6249827
CIE Lab	39.85, 2.07, -3.15
CIE LCh	40, 3.768, 303.369
Yxy	11.1624, 0.3072, 0.3150
Android (android.graphics.Color)	4284439907 (0xFF5F5D63)
YUV	94.2820, 2.3260, 0.6297
Hunter-Lab	33.4102, -0.3080, -0.3655

Details

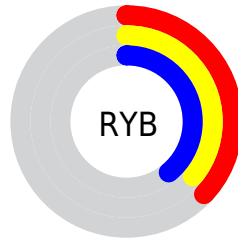
The YIQ color $94.2820, -0.7340, 2.2900$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $97.7180, 0.7340, -2.2900$, and the grayscale version is $94.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $144.3960, -1.0550, 2.6010$, and $48.2820, -0.7340, 2.2900$ is the 20% darker color. If you saturate the color by 10%, you get $86.3190, -2.1560, 6.0360$, and if you desaturate by 10%, it is $102.2450, 0.6880, -1.4560$.

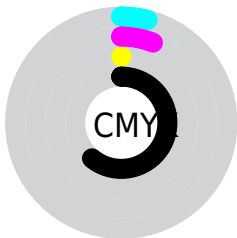
Distribution



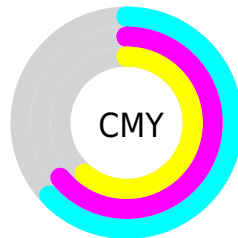
- Red (37%)
- Green (36%)
- Blue (39%)



- Red (37%)
- Yellow (36%)
- Blue (39%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (61%)



- Cyan (63%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.2820, -0.7340, 2.2900 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 94.2820, -0.7340, 2.2900 by changing the saturation by 10% instead.

■ 94.2820, -0.7340,
2.2900

■ 94.2820, -0.7340,
2.2900

255.0000, -0.0000,
-0.0000

■ 70.2820, -0.7340,
2.2900

■ 144.3960, -1.0550,
2.6010

■ 48.2820, -0.7340,
2.2900

■ 171.2820, -0.7340,
2.2900

■ 27.1680, -0.4130,
1.9790

■ 198.3960, -1.0550,
2.6010

■ 0.7980, -2.2470,
2.1770

■ 226.3960, -1.0550,
2.6010

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2750,
0.5230

■ 94.2820, -0.7340,
2.2900

■ 94.2820, -0.7340,
2.2900

■ 86.3190, -2.1560,
6.0360

■ 102.2450, 0.6880,
-1.4560

■ 78.6550, -2.9820,
9.9940

■ 109.9090, 1.5140,
-5.4140

■ 70.6920, -4.4040,
13.7400

■ 117.8720, 2.9360,
-9.1600

■ 63.0280, -5.2300,
17.6980

■ 125.5360, 3.7620,
-13.1180

■ 55.6520, -6.9270,
20.9210

■ 133.4990, 5.1840,
-16.8640

■ 47.6890, -8.3490,
24.6670

■ 140.8750, 6.8810,
-20.0870

■ 40.0250, -9.1750,
28.6250

■ 148.5390, 7.7070,
-24.0450

■ 32.0620, -10.5970,

■ 156.5020, 9.1290,

32.3710

-27.7910

■ 24.3980, -11.4230,
36.3290

■ 164.1660, 9.9550,
-31.7490

Harmonies

Analogous

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



93.7870, -3.7140, 1.2300



94.2820, -0.7340, 2.2900



94.3640, 1.9710, 2.8270

Triad

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



94.2820, -0.7340, 2.2900



94.2240, 5.1810, -0.2830



93.0810, -4.7220, -2.5300

Complementary

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



94.2820, -0.7340, 2.2900



97.7180, 0.7340, -2.2900

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.



92.7500, -2.2920, -2.5160



94.2820, -0.7340, 2.2900



93.9140, 3.1180, -1.4420

Square

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



94.2820, -0.7340, 2.2900



94.5770, 5.6850, 1.5970



93.7180, 0.7340, -2.2900



93.4230, -5.6850, -1.5970

Rectangle

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



94.2820, -0.7340, 2.2900



94.7340, 3.8050, 2.6290



93.7180, 0.7340, -2.2900



93.2660, -3.8050, -2.6290

Sweetspot

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



94.2820, -0.7340, 2.2900



125.6410, -0.3670, 1.1450



96.0320, -3.0260, -0.2260



62.5270, -0.0460, 0.8340



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.2820, -0.7340, 2.2900



120.9230, -1.1010, 3.4350



95.1790, 1.0540, 2.9260



45.6410, -0.3670, 1.1450



23.8310, -13.9000, 42.6760



51.2800, -29.3600, 91.6000

Inverse Universe

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



95.2500, 2.2920, 2.5160



122.3750, 3.4380, 3.7740



96.8210, -1.0540, -2.9260



46.1250, 1.1460, 1.2580



42.0380, 42.6770, 47.0690



90.0000, 91.6800, 100.6400

Previews

White Background



This preview shows how the YIQ color 94.2820, -0.7340, 2.2900 looks on a white background.

Color Contrast Check

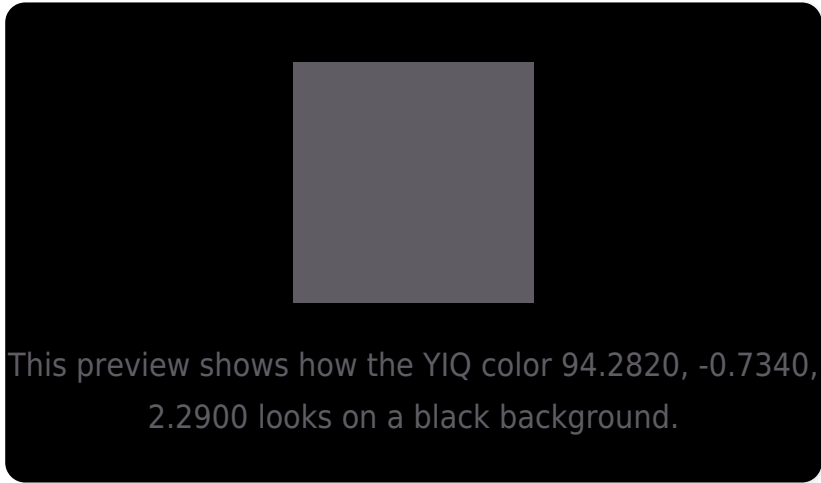
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

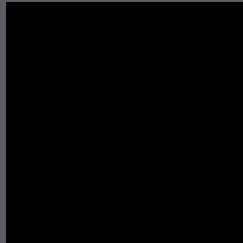
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 94.2820, -0.7340, 2.2900

Background



This preview shows how black text looks on a background with the YIQ color 94.2820, -0.7340, 2.2900.



This preview shows how white text looks on a background with the YIQ color 94.2820, -0.7340,

2.2900.

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

94.2820, -0.7340, 2.2900

Protanopia

93.9830, -1.3300, 2.0780

Deuteranopia

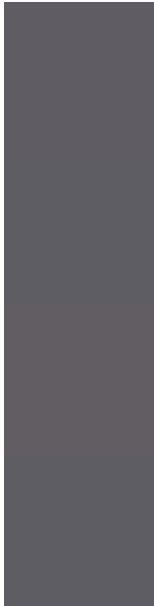
94.6030, 2.7960, 4.3960



Tritanopia

94.3960, -1.0550, 2.6010

Trichromacy



Original Color

94.2820, -0.7340, 2.2900

Protanomaly

93.9830, -1.3300, 2.0780

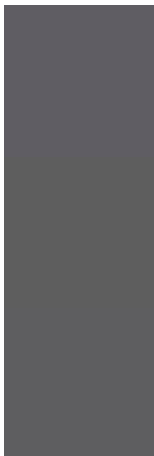
Deuteranomaly

94.5920, 1.3290, 3.4490

Tritanomaly

94.3960, -1.0550, 2.6010

Monochromacy



Original Color

94.2820, -0.7340, 2.2900

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2280, -0.6420, 0.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.2820, -0.7340, 2.2900 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(95, 93, 99)` looks like.

```
.text, #text, p{  
    color:rgb(95, 93, 99)  
}
```

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(95, 93, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 93, 99) }
```

Border

The CSS property to change the border of an element to YIQ 94.2820, -0.7340, 2.2900 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(95, 93, 99) }
```


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

```
.border{ border-color:rgb(95, 93, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 93, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 93, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 93, 99);  
box-shadow:4px 4px 4px 4px rgb(95, 93, 99)  
}
```

Background

The CSS property to change the background color of an element to YIQ 94.2820, -0.7340, 2.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 93, 99) }
```

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

```
.background{ background-color: rgb(95, 93,  
99) }
```

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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