

Converting Colors

YIQ(35.1990, 7.4700, 18.8140)

Have a look what the booklet for
YIQ(35.1990, 7.4700, 18.8140)
contains.

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Color

**YIQ(35.1990, 7.4700,
18.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	36153B
RGB	54, 21, 59
RGB Percent	21%, 8%, 23%
CMY	0.7881, 0.9177, 0.7686
CMYK	0.08, 0.64, 0.00, 0.77
HSL	292°, 48%, 16%
HSV	292°, 64%, 23%
XYZ	2.5801, 1.6366, 4.3176
YIQ	35.1990, 7.4700, 18.8140

Conversions

Conversions Part 2

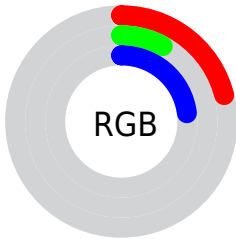
Format	Color
RYB	54, 21, 59
Decimal	3544379
CIELab	13.45, 23.32, -17.42
CIELCh	13, 29.112, 323.239
Yxy	1.6366, 0.3023, 0.1918
Android (android.graphics.Color)	4281734459 (0xFF36153B)
YUV	35.1990, 11.7339, 16.4885
Hunter-Lab	12.7929, 13.6120, -11.0553

Details

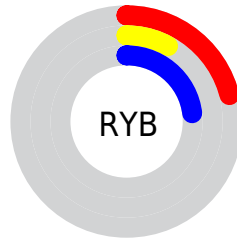
The YIQ color **35.1990, 7.4700, 18.8140** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **44.8010, -7.4700, -18.8140**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.3240, 8.6160, 20.0720**, and **2.1830, -4.7690, 3.8310** is the 20% darker color. If you saturate the color by 10%, you get **31.3780, 8.5240, 21.7400**, and if you desaturate by 10%, it is **39.0200, 6.4160, 15.8880**.

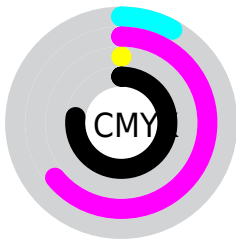
Distribution



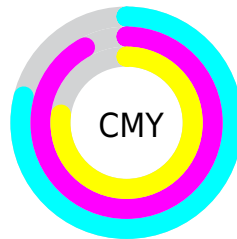
- Red (21%)
- Green (8%)
- Blue (23%)



- Red (21%)
- Yellow (8%)
- Blue (23%)



- Cyan (8%)
- Magenta (64%)
- Yellow (0%)
- Black (77%)



- Cyan (79%)
- Magenta (92%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.1990, 7.4700, 18.8140 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 35.1990, 7.4700, 18.8140 by changing the saturation by 10% instead.

■ 35.1990, 7.4700,
18.8140

■ 35.1990, 7.4700,
18.8140

■ 252.6520, 1.1000,
2.0920

■ 14.0850, 7.7910,
18.5030

■ 81.3240, 8.6160,
20.0720

■ 2.1830, -4.7690,
3.8310

■ 106.1500, 9.1660,
21.1180

■ 0.0000, 0.0000,
0.0000

■ 130.9760, 9.7160,
22.1640


■ 157.3890, 9.9910,
22.6870


■ 184.8020, 10.2660,
23.2100

■ 212.2150, 10.5410,


23.7330


 235.6290, 9.0750,
17.2590


 35.1990, 7.4700,
18.8140


 35.1990, 7.4700,
18.8140


 31.3780, 8.5240,
21.7400


 39.0200, 6.4160,
15.8880


 27.5570, 9.5780,
24.6660


 42.8410, 5.3620,
12.9620

 24.0350, 11.2280,
27.8040

 46.3630, 3.7120,
9.8240

 21.9750, 11.4570,
29.1610

 50.1840, 2.6580,
6.8980

 53.4180, 1.8790,
4.4950

■ 57.2390, 0.8250,
1.5690

■ 60.7610, -0.8250,
-1.5690

■ 64.5820, -1.8790,
-4.4950

■ 68.4030, -2.9330,
-7.4210

Harmonies

Analogous

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



33.2820, -17.9290, 11.0550



35.1990, 7.4700, 18.8140



31.9360, 24.3880, 20.5800

Triad

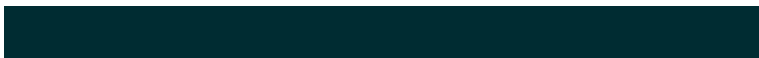
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.1990, 7.4700, 18.8140



33.1360, 19.8080, -6.5600



31.5280, -28.1500, -7.4620

Complementary

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



35.1990, 7.4700, 18.8140



44.8010, -7.4700, -18.8140

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.



28.5470, -21.1340, -13.4700



35.1990, 7.4700, 18.8140



31.2760, 7.4300, -13.5140

Square

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



35.1990, 7.4700, 18.8140



32.3380, 31.2230, 1.3270



25.5230, -12.5590, -20.1990



32.2920, -33.0570, -1.1290

Rectangle

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



35.1990, 7.4700, 18.8140



30.9380, 30.0740, 16.6500



25.5230, -12.5590, -20.1990



30.7300, -25.9030, -9.6390

Sweetspot

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



35.1990, 7.4700, 18.8140



67.5970, 2.9330, 7.4210



28.2670, -13.5730, 9.2030



32.4180, 1.8790, 4.4950



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



35.1990, 7.4700, 18.8140



39.9750, 11.4570, 29.1610



35.0980, 14.9440, 15.5200



28.9400, 0.2290, 1.3570



35.2340, 18.6980, 46.6180



83.0150, 43.7660, 109.9580

Inverse Universe

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



32.9320, 21.0430, 9.6110



36.4390, 32.9170, 14.6850



44.9020, -14.9440, -15.5200



28.8970, 1.7880, 0.6360



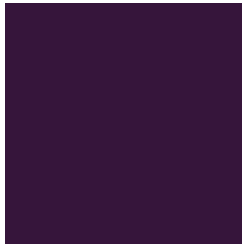
29.4740, 52.1720, 23.6600



69.6840, 123.0030, 56.0830

Previews

White Background



This preview shows how the YIQ color 35.1990, 7.4700, 18.8140 looks on a white background.

Color Contrast Check

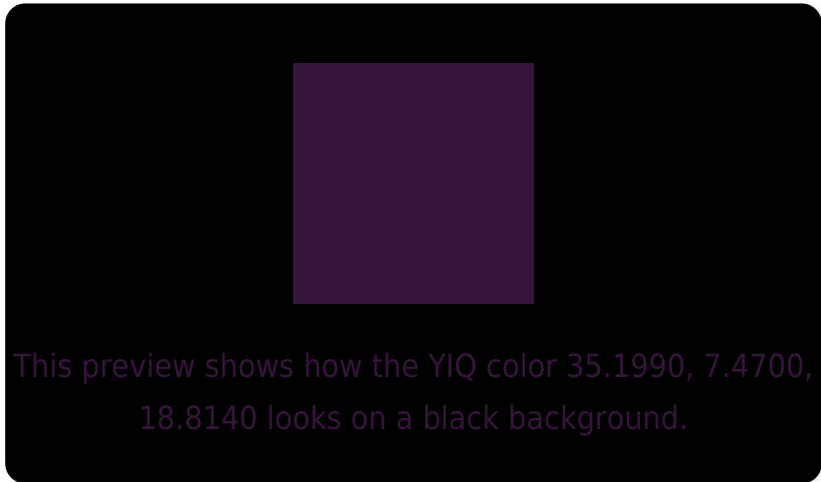
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

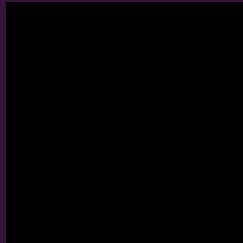
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.1990, 7.4700, 18.8140

Background



This preview shows how black text looks on a background with the YIQ color 35.1990, 7.4700, 18.8140.



This preview shows how white text looks on a background with the YIQ color 35.1990, 7.4700,

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

35.1990, 7.4700, 18.8140

Protanopia

30.5580, -27.6940, 6.3060

Deuteranopia

34.6920, -13.5720, 3.6760



Tritanopia

35.5070, 11.8740, 5.0740

Trichromacy



Original Color

35.1990, 7.4700, 18.8140

Protanomaly

32.1360, -14.5820, 10.9700

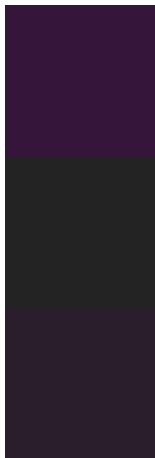
Deuteranomaly

35.1600, -5.9620, 8.9340

Tritanomaly

35.1850, 10.0850, 9.9650

Monochromacy



Original Color

35.1990, 7.4700, 18.8140

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.1840, 2.6580, 6.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.1990, 7.4700, 18.8140 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(54, 21, 59)` looks like.

```
.text, #text, p{  
    color:rgb(54, 21, 59)  
}
```

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(54, 21, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 21, 59) }
```

Border

The CSS property to change the border of an element to YIQ 35.1990, 7.4700, 18.8140 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(54, 21, 59) }
```


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

```
.border{ border-color:rgb(54, 21, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 21, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 21, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 21, 59);  
box-shadow:4px 4px 4px 4px rgb(54, 21, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.1990, 7.4700, 18.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 21, 59) }
```

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

```
.background{ background-color: rgb(54, 21,  
59) }
```

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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