

Converting Colors

YIQ(97.5580, -21.9490,
-70.3090)

Have a look what the booklet for
YIQ(97.5580, -21.9490, -70.3090)
contains.

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Color

**YIQ(97.5580, -21.9490,
-70.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	219502
RGB	33, 149, 2
RGB Percent	13%, 58%, 1%
CMY	0.8710, 0.4155, 0.9921
CMYK	0.78, 0.00, 0.99, 0.42
HSL	107°, 97%, 30%
HSV	107°, 99%, 58%
XYZ	11.3903, 21.8364, 3.6721
YIQ	97.5580, -21.9490, -70.3090

Conversions

Conversions Part 2

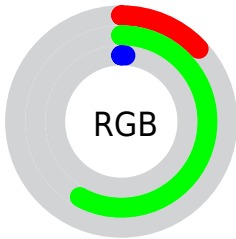
Format	Color
R_{YB}	2, 149, 118
Decimal	2200834
CIE _{Lab}	53.85, -54.58, 55.82
CIE _{LCh}	54, 78.068, 134.357
Yxy	21.8364, 0.3087, 0.5918
Android (android.graphics.Color)	4280390914 (0xFF219502)
YUV	97.5580, -47.1101, -56.6174
Hunter-Lab	46.7294, -38.2671, 28.0514

Details

The YIQ color **97.5580, -21.9490, -70.3090** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **53.4420, 21.9490, 70.3090**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.6280, -18.9700, -63.7220**, and **56.9390, -26.6750, -50.7310** is the 20% darker color. If you saturate the color by 10%, you get **96.7320, -22.4990, -71.3550**, and if you desaturate by 10%, it is **102.8560, -19.6120, -63.1000**.

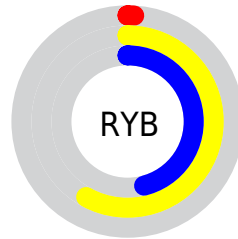
Distribution



Red (13%)

Green (58%)

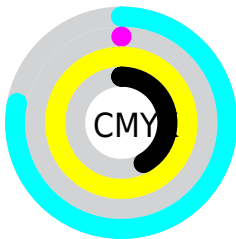
Blue (1%)



Red (1%)

Yellow (58%)

Blue (46%)

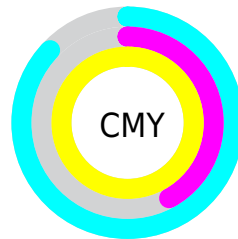


Cyan (78%)

Magenta (0%)

Yellow (99%)

Black (42%)



Cyan (87%)

Magenta (42%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.5580, -21.9490, -70.3090 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 97.5580, -21.9490, -70.3090 by changing the saturation by 10% instead.

■ 97.5580, -21.9490,
-70.3090

■ 97.5580, -21.9490,
-70.3090

■ 255.0000, -0.0000,
-0.0000

■ 71.6140, -33.5500,
-63.8060

■ 157.6280,
-18.9700, -63.7220

■ 56.9390, -26.6750,
-50.7310

■ 186.4000,
-18.3280, -64.3440

■ 42.2640, -19.8000,
-37.6560

■ 211.0630,
-15.7610, -61.3050

■ 28.7630, -13.4750,
-25.6270

■ 223.1110, -6.5480,
-46.5480

■ 12.9140, -6.0500,
-11.5060

■ 234.9740, 1.7480,
-31.6920

■ 0.0000, 0.0000,
0.0000

■ 247.5490, 10.9150,

-16.1010

■ 252.9480, 5.7780,
-5.5980

■ 97.5580, -21.9490,
-70.3090

■ 97.5580, -21.9490,
-70.3090

■ 96.7320, -22.4990,
-71.3550

■ 102.8560,
-19.6120, -63.1000

■ 107.8550,
-17.8710, -56.1030

■ 113.1530,
-15.5340, -48.8940

■ 118.4510,
-13.1970, -41.6850

■ 123.7490,
-10.8600, -34.4760

■ 128.9330, -8.2020,
-27.5780

■ 133.9320, -6.4610,
-20.5810

■ 139.2300, -4.1240,
-13.3720

■ 144.5280, -1.7870,
-6.1630

Harmonies

Analogous

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



117.5060, 37.6960, -44.4160



97.5580, -21.9490, -70.3090



101.8320, -71.7900, -53.5980

Triad

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



97.5580, -21.9490, -70.3090



115.3590, -122.2800, 2.4240



108.1350, 102.9200, 62.1200

Complementary

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



97.5580, -21.9490, -70.3090



53.4420, 21.9490, 70.3090

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.



117.4460, 68.8520, 73.8120



97.5580, -21.9490, -70.3090



103.0320, -116.5050, 13.4070

Square

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



97.5580, -21.9490, -70.3090



116.8800, -114.1620, -12.5460



131.1850, 3.1990, 57.6870



117.5350, 102.9280, 17.9040

Rectangle

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



97.5580, -21.9490, -70.3090



107.7770, -87.1520, -39.5040



131.1850, 3.1990, 57.6870



107.9960, 96.3620, 70.8420

Sweetspot

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



97.5580, -21.9490, -70.3090



173.6340, -8.7980, -27.7900



113.4580, 55.9870, -28.9810



84.6380, -5.4530, -16.8210



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



97.5580, -21.9490, -70.3090



126.1370, -28.9140, -92.7700



93.0770, -53.9070, -63.8190



71.4080, -1.3290, -3.4490



89.6770, -20.6660, -66.0260



6.4680, -1.5580, -4.8060

Inverse Universe

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



53.4420, 21.9490, 70.3090



67.8630, 28.9140, 92.7700



57.9230, 53.9070, 63.8190



69.2930, 0.7330, 3.2370



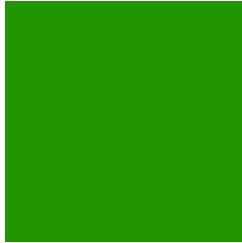
48.3230, 20.6660, 66.0260



3.5320, 1.5580, 4.8060

Previews

White Background



This preview shows how the YIQ color 97.5580, -21.9490, -70.3090 looks on a white background.

Color Contrast Check

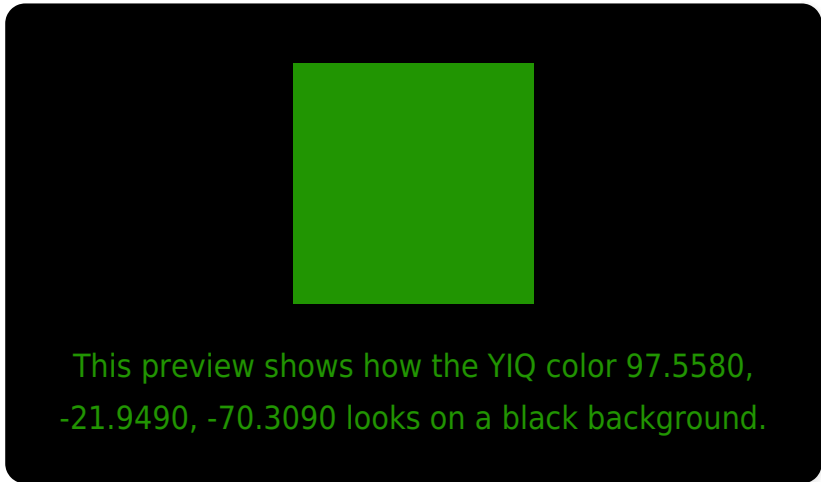
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.5580, -21.9490, -70.3090

Background



This preview shows how black text looks on a background with the YIQ color 97.5580, -21.9490, -70.3090.



This preview shows how white text looks on a background with the YIQ color 97.5580, -21.9490, -70.3090.

-70.3090.

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

97.5580, -21.9490, -70.3090

Protanopia

118.1920, 50.6240, -36.4160

Deuteranopia

122.8140, 52.4090, -19.1990



Tritanopia

119.3240, -45.2510, -11.4190

Trichromacy



Original Color

97.5580, -21.9490, -70.3090



Protanomaly

111.0420, 24.2630, -48.7690



Deuteranomaly

113.3770, 25.1780, -37.8140



Tritanomaly

111.6290, -36.7650, -33.0610

Monochromacy



Original Color

97.5580, -21.9490, -70.3090



Achromatopsia

98.0000, -0.0000, -0.0000



Achromatomaly

97.9870, -8.2940, -25.9100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.5580, -21.9490, -70.3090 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(33, 149, 2)` looks like.

```
.text, #text, p{  
    color:rgb(33, 149, 2)  
}
```

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(33, 149, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 149, 2) }
```

Border

The CSS property to change the border of an element to YIQ 97.5580, -21.9490, -70.3090 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(33, 149, 2) }
```


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

```
.border{ border-color:rgb(33, 149, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 149, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 149, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 149, 2);  
box-shadow:4px 4px 4px 4px rgb(33, 149, 2)  
}
```

Background

The CSS property to change the background color of an element to YIQ 97.5580, -21.9490, -70.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 149, 2) }
```

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

```
.background{ background-color: rgb(33, 149,  
2) }
```

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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