

Converting Colors

YIQ(96.5390, -50.7640, 49.9720)

Have a look what the booklet for
YIQ(96.5390, -50.7640, 49.9720)
contains.

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Color

**YIQ(96.5390, -50.7640,
49.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4EEE
RGB	79, 78, 238
RGB Percent	31%, 31%, 93%
CMY	0.6901, 0.6941, 0.0670
CMYK	0.67, 0.67, 0.00, 0.07
HSL	240°, 82%, 62%
HSV	240°, 67%, 93%
XYZ	21.3714, 13.2803, 82.2620
YIQ	96.5390, -50.7640, 49.9720

Conversions

Conversions Part 2

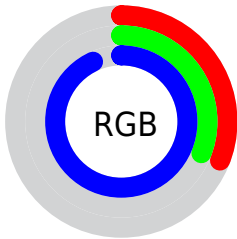
Format	Color
R _Y B	79, 78, 238
Decimal	5197550
CIE Lab	43.18, 48.95, -80.12
CIE LCh	43, 93.885, 301.422
Yxy	13.2803, 0.1828, 0.1136
Android (android.graphics.Color)	4283387630 (0xFF4F4EEE)
YUV	96.5390, 69.7403, -15.3817
Hunter-Lab	36.4422, 40.9070, -108.3275

Details

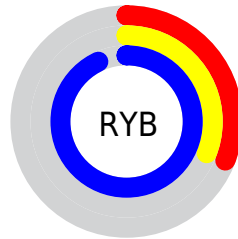
The YIQ color **96.5390, -50.7640, 49.9720** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **219.4610, 50.7640, -49.9720**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8600, -30.0390, 43.3130**, and **39.4180, -66.9010, 39.5550** is the 20% darker color. If you saturate the color by 10%, you get **75.2750, -58.4680, 57.4360**, and if you desaturate by 10%, it is **117.8030, -43.0600, 42.5080**.

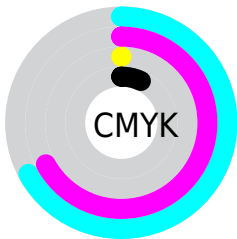
Distribution



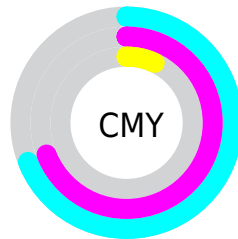
- Red (31%)
- Green (31%)
- Blue (93%)



- Red (31%)
- Yellow (31%)
- Blue (93%)



- Cyan (67%)
- Magenta (67%)
- Yellow (0%)
- Black (7%)



- Cyan (69%)
- Magenta (69%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.5390, -50.7640, 49.9720 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 96.5390, -50.7640, 49.9720 by changing the saturation by 10% instead.

■ 96.5390, -50.7640,
49.9720

■ 96.5390, -50.7640,
49.9720

■ 255.0000, -0.0000,
-0.0000

■ 65.6900, -61.6750,
43.9650

■ 147.8600,
-30.0390, 43.3130

■ 39.4180, -66.9010,
39.5550

■ 172.3910,
-18.7130, 36.2870

■ 23.3120, -51.8630,
42.3530

■ 198.0960, -7.9370,
28.2150

■ 14.3640, -40.4460,
39.1860

■ 223.2140, 3.1140,
20.6660

■ 11.9870, -32.3750,
30.5770

■ 245.0210, 4.6750,
8.8910

■ 13.8330, -26.5500,
18.6180

■ 8.1620, -17.4710,

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 96.5390, -50.7640,
49.9720

■ 96.5390, -50.7640,
49.9720

■ 75.2750, -58.4680,
57.4360

■ 117.8030,
-43.0600, 42.5080

■ 54.3100, -65.5760,
65.1120

■ 138.7680,
-35.9520, 34.8320

■ 33.6330, -73.5550,
72.0530

■ 159.4450,
-27.9730, 27.8910

■ 27.7300, -75.2060,
74.4420

■ 180.7090,
-20.2690, 20.4270

■ 201.6740,
-13.1610, 12.7510

■ 222.9380, -5.4570,
5.2870

■ 243.9030, 1.6510,
-2.3890

■ 253.0620, 5.4570,
-5.2870

Harmonies

Analogous

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



95.4010, -112.9300, 20.2060



96.5390, -50.7640, 49.9720



77.7000, 57.2940, 96.0620

Triad

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



96.5390, -50.7640, 49.9720



91.1000, 90.5510, 5.4230



88.1660, -69.1340, -35.6460

Complementary

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



96.5390, -50.7640, 49.9720



219.4610, 50.7640, -49.9720

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.



75.2330, -36.8510, -64.5550



96.5390, -50.7640, 49.9720



95.7650, 44.9370, -26.9590

Square

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



96.5390, -50.7640, 49.9720



68.7440, 122.7740, 54.7260



78.2250, -16.0370, -56.3010



98.2320, -94.7220, -12.4340

Rectangle

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



96.5390, -50.7640, 49.9720



80.9700, 91.2240, 86.8720



78.2250, -16.0370, -56.3010



84.9740, -60.1460, -44.3540

Sweetspot

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



96.5390, -50.7640, 49.9720



209.8140, -16.3710, 15.8610



190.1600, -95.3600, -33.9200



100.5340, -9.9510, 9.6410



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.



96.5390, -50.7640, 49.9720



72.1960, -65.2550, 64.8010



120.1600, -3.6800, 66.7200



109.3680, -3.8520, 3.7320



21.2750, -58.4680, 57.4360



6.3840, -17.9760, 17.4160

Inverse Universe

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



143.9660, 44.3210, 83.3690



133.3770, 57.2460, 107.9500



195.8400, 3.6800, -66.7200



112.9560, 3.3000, 6.2760



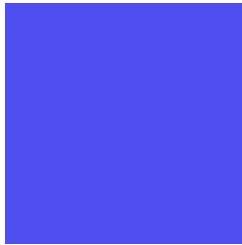
75.7640, 51.2420, 95.6100



23.1280, 15.4000, 29.2880

Previews

White Background



This preview shows how the YIQ color 96.5390, -50.7640, 49.9720 looks on a white background.

Color Contrast Check

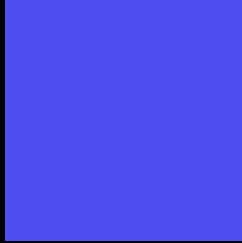
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 96.5390, -50.7640, 49.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

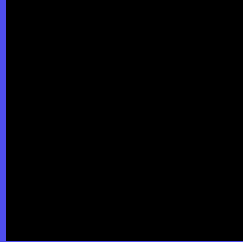
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.5390, -50.7640, 49.9720

Background



This preview shows how black text looks on a background with the YIQ color 96.5390, -50.7640, 49.9720.



This preview shows how white text looks on a background with the YIQ color 96.5390, -50.7640,

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

96.5390, -50.7640, 49.9720

Protanopia

81.0100, -93.0760, 12.8120

Deuteranopia

81.2260, -85.4170, 0.6550



Tritanopia

79.5380, -69.6410, -20.9450

Trichromacy



Original Color

96.5390, -50.7640, 49.9720

Protanomaly

86.9400, -77.7190, 26.3530

Deuteranomaly

87.1220, -72.7200, 18.3520

Tritanomaly

86.0670, -62.8600, 4.8520

Monochromacy



Original Color

96.5390, -50.7640, 49.9720

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.6120, -18.6180, 18.0380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.5390, -50.7640, 49.9720 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(79, 78, 238)` looks like.

```
.text, #text, p{  
    color:rgb(79, 78, 238)  
}
```

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(79, 78, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 78, 238) }
```

Border

The CSS property to change the border of an element to YIQ 96.5390, -50.7640, 49.9720 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(79, 78, 238) }
```


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

```
.border{ border-color:rgb(79, 78, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 78, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 78, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 78, 238);  
box-shadow:4px 4px 4px 4px rgb(79, 78,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 96.5390, -50.7640, 49.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 78, 238) }
```

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

```
.background{ background-color: rgb(79, 78,  
238) }
```

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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