

Converting Colors

YIQ(55.0970, -9.6780, 21.2180)

Have a look what the booklet for
YIQ(55.0970, -9.6780, 21.2180)
contains.

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Color

**YIQ(55.0970, -9.6780,
21.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2C66
RGB	59, 44, 102
RGB Percent	23%, 17%, 40%
CMY	0.7685, 0.8275, 0.6001
CMYK	0.42, 0.57, 0.00, 0.60
HSL	256°, 40%, 29%
HSV	256°, 57%, 40%
XYZ	5.1024, 3.6902, 13.0082
YIQ	55.0970, -9.6780, 21.2180

Conversions

Conversions Part 2

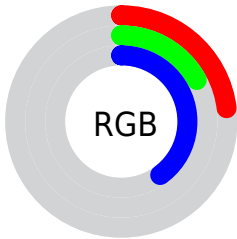
Format	Color
R_{YB}	59, 44, 102
Decimal	3877990
CIE _{Lab}	22.62, 22.15, -31.92
CIE _{LCh}	23, 38.853, 304.765
Yxy	3.6902, 0.2340, 0.1693
Android (android.graphics.Color)	4282068070 (0xFF3B2C66)
YUV	55.0970, 23.1232, 3.4229
Hunter-Lab	19.2098, 13.7950, -26.7023

Details

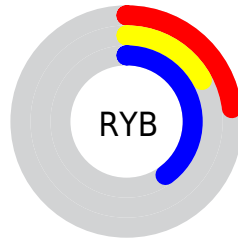
The YIQ color **55.0970, -9.6780, 21.2180** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **90.9030, 9.6780, -21.2180**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9770, -9.2200, 23.9320**, and **10.1570, -9.9070, 19.8610** is the 20% darker color. If you saturate the color by 10%, you get **46.8350, -11.6960, 24.7520**, and if you desaturate by 10%, it is **63.3590, -7.6600, 17.6840**.

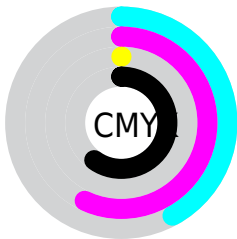
Distribution



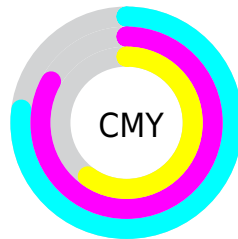
- Red (23%)
- Green (17%)
- Blue (40%)



- Red (23%)
- Yellow (17%)
- Blue (40%)



- Cyan (42%)
- Magenta (57%)
- Yellow (0%)
- Black (60%)



- Cyan (77%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.0970, -9.6780, 21.2180 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 55.0970, -9.6780, 21.2180 by changing the saturation by 10% instead.

■ 55.0970, -9.6780,
21.2180

■ 55.0970, -9.6780,
21.2180

■ 255.0000, -0.0000,
-0.0000

■ 32.8580, -10.5030,
19.6490

■ 102.8630, -8.8990,
23.6210

■ 10.1570, -9.9070,
19.8610

■ 128.3900, -8.9450,
24.4550

■ 4.8220, -10.8220,
8.9060

■ 154.3300, -8.7160,
25.8120

■ 0.5700, -1.6050,
1.5550

■ 181.8570, -8.7620,
26.6460

■ 0.0000, 0.0000,
0.0000

■ 208.1300, -5.2770,
24.0590

■ 233.2370, 4.3070,

15.5630

252.6520, 1.1000,
2.0920

55.0970, -9.6780,
21.2180

55.0970, -9.6780,
21.2180

46.8350, -11.6960,
24.7520

63.3590, -7.6600,
17.6840

38.8720, -13.1180,
28.4980

71.3220, -6.2380,
13.9380

30.0230, -14.8610,
32.5550

80.1710, -4.4950,
9.8810

22.0600, -16.2830,
36.3010

88.1340, -3.0730,
6.1350

19.4020, -17.2460,
37.2340

96.3960, -1.0550,
2.6010

■ 104.3590, 0.3670,
-1.1450

■ 112.6210, 2.3850,
-4.6790

■ 121.1710, 3.5320,
-8.9480

■ 129.4330, 5.5500,
-12.4820

Harmonies

Analogous

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



45.6400, -51.3520, 5.5440



55.0970, -9.6780, 21.2180



53.5370, 21.4980, 28.9060

Triad

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



55.0970, -9.6780, 21.2180



50.9550, 39.4310, -4.2570



45.9410, -37.0430, -17.0030

Complementary

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



55.0970, -9.6780, 21.2180



90.9030, 9.6780, -21.2180

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.



41.3470, -26.8630, -25.2870



55.0970, -9.6780, 21.2180



50.5350, 22.6980, -14.8860

Square

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



55.0970, -9.6780, 21.2180



49.8440, 44.8380, 13.3980



45.6740, 2.8930, -24.9070



48.5460, -45.7560, -7.7720

Rectangle

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



55.0970, -9.6780, 21.2180



49.6650, 35.7570, 29.3010



45.6740, 2.8930, -24.9070



44.2140, -33.5580, -19.5900

Sweetspot

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



55.0970, -9.6780, 21.2180



114.4160, -3.8070, 8.4250



75.8530, -30.4430, -4.4510



55.3790, -2.3850, 4.6790



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



55.0970, -9.6780, 21.2180



59.5500, -14.9070, 33.3890



63.4690, 7.0100, 27.1540



46.8690, -1.0090, 1.7670



22.0800, -19.0350, 42.1250



46.4250, -40.1340, 88.6180

Inverse Universe

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



66.2440, 20.7650, 25.6690



76.8470, 32.7290, 40.1290



82.2320, -7.6060, -27.3660



47.9510, 1.6960, 2.3040



44.0750, 41.2550, 50.8150



92.7640, 86.7730, 106.9730

Previews

White Background



This preview shows how the YIQ color 55.0970, -9.6780, 21.2180 looks on a white background.

Color Contrast Check

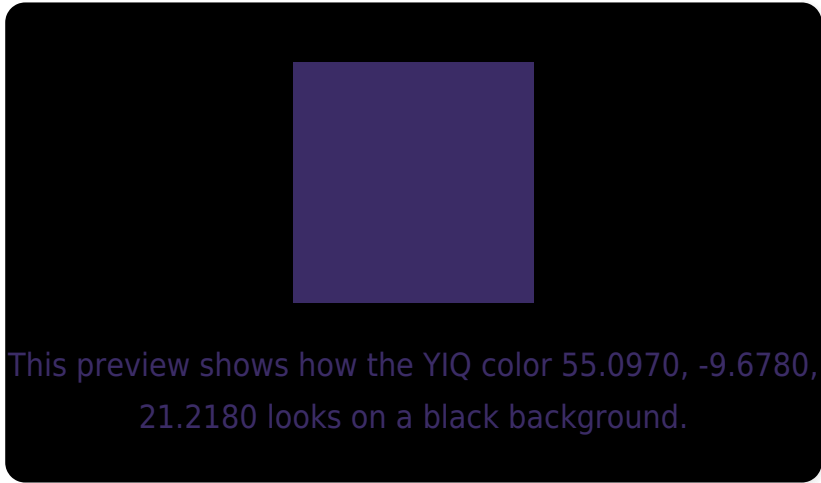
Large Text (above 18pt) WCAG AA ✓ Pass

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

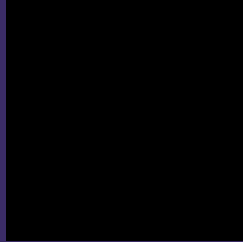
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.0970, -9.6780, 21.2180

Background



This preview shows how black text looks on a background with the YIQ color 55.0970, -9.6780, 21.2180.



This preview shows how white text looks on a background with the YIQ color 55.0970, -9.6780,

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

55.0970, -9.6780, 21.2180

Protanopia

45.2710, -45.7590, 8.8090

Deuteranopia

43.4570, -46.5830, 1.7130



Tritanopia

53.7760, -5.1810, 0.2830

Trichromacy



Original Color

55.0970, -9.6780, 21.2180

Protanomaly

48.8490, -32.6470, 13.4730

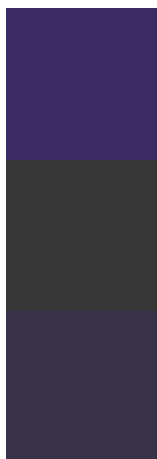
Deuteranomaly

47.5020, -33.2880, 8.5680

Tritanomaly

54.3340, -6.5120, 7.8880

Monochromacy



Original Color

55.0970, -9.6780, 21.2180

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8890, -3.7610, 7.5910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.0970, -9.6780, 21.2180 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(59, 44, 102)` looks like.

```
.text, #text, p{  
    color:rgb(59, 44, 102)  
}
```

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(59, 44, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 44, 102) }
```

Border

The CSS property to change the border of an element to YIQ 55.0970, -9.6780, 21.2180 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(59, 44, 102) }
```


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

```
.border{ border-color:rgb(59, 44, 102) }
```

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

Here you see how a box with a 4 pixel rgb(59, 44, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 44, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 44, 102);  
box-shadow:4px 4px 4px 4px rgb(59, 44,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 55.0970, -9.6780, 21.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 44, 102) }
```

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

```
.background{ background-color: rgb(59, 44,  
102) }
```

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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