

Converting Colors

YIQ(21.4800, -35.0810, 35.5670)

Have a look what the booklet for
YIQ(21.4800, -35.0810, 35.5670)
contains.

YIQ(21.4800, -35.0810, 35.5670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(21.4800, -35.0810,
35.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	0A0879
RGB	10, 8, 121
RGB Percent	4%, 3%, 47%
CMY	0.9607, 0.9686, 0.5257
CMYK	0.92, 0.93, 0.00, 0.53
HSL	241°, 88%, 25%
HSV	241°, 93%, 47%
XYZ	3.6599, 1.6174, 18.1899
YIQ	21.4800, -35.0810, 35.5670

Conversions

Conversions Part 2

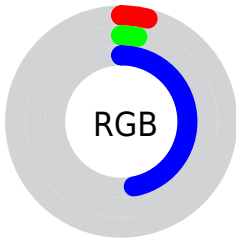
Format	Color
R_{YB}	10, 8, 121
Decimal	657529
CIE _{Lab}	13.34, 42.40, -59.57
CIE _{LCh}	13, 73.118, 305.438
Yxy	1.6174, 0.1560, 0.0689
Android (android.graphics.Color)	4278847609 (0xFF0A0879)
YUV	21.4800, 49.0634, -10.0680
Hunter-Lab	12.7176, 29.1133, -75.8998

Details

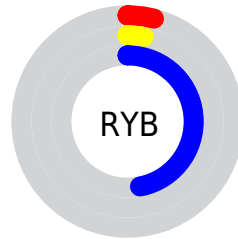
The YIQ color **21.4800, -35.0810, 35.5670** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **107.5200, 35.0810, -35.5670**, and the grayscale version is **21.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **77.3400, -22.7030, 42.5210**, and **8.0940, -22.7910, 22.0810** is the 20% darker color. If you saturate the color by 10%, you get **14.3920, -37.6490, 38.0550**, and if you desaturate by 10%, it is **32.1120, -31.2290, 31.8350**.

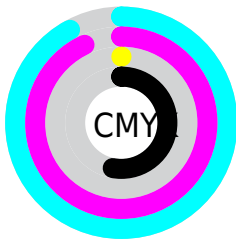
Distribution



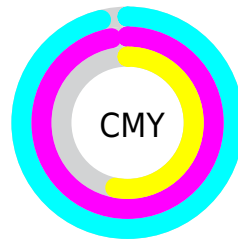
- Red (4%)
- Green (3%)
- Blue (47%)



- Red (4%)
- Yellow (3%)
- Blue (47%)



- Cyan (92%)
- Magenta (93%)
- Yellow (0%)
- Black (53%)



- Cyan (96%)
- Magenta (97%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.4800, -35.0810, 35.5670 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 21.4800, -35.0810, 35.5670 by changing the saturation by 10% instead.

■ 21.4800, -35.0810,
35.5670

■ 21.4800, -35.0810,
35.5670

■ 246.7820, 3.8500,
7.3220

■ 10.8300, -30.4950,
29.5450

■ 77.3400, -22.7030,
42.5210

■ 8.0940, -22.7910,
22.0810

■ 103.2910,
-21.0070, 44.8250

■ 7.7060, -16.1870,
12.5250

■ 129.8290,
-19.5860, 46.6060

■ 3.5510, -8.6210,
7.5630

■ 155.6120,
-17.4770, 46.9310


■ 0.0000, 0.0000,
0.0000


■ 180.1320, -7.6180,
38.9580


■ 204.9510, 2.8370,


31.1970


 229.7590, 11.8250,
22.4890


 21.4800, -35.0810,
35.5670


 21.4800, -35.0810,
35.5670


 14.3920, -37.6490,
38.0550

 32.1120, -31.2290,
31.8350

 42.7440, -27.3770,
28.1030

 53.3760, -23.5250,
24.3710

 64.0080, -19.6730,
20.6390

 74.3410, -16.4170,
16.6950

■ 85.5600, -12.8400,
12.4400

■ 96.1920, -8.9880,
8.7080

■ 106.8240, -5.1360,
4.9760

■ 117.4560, -1.2840,
1.2440

Harmonies

Analogous

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



40.7280, -56.8110, 21.8850



21.4800, -35.0810, 35.5670



37.5960, 32.1780, 44.6100

Triad

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



21.4800, -35.0810, 35.5670



25.9470, 43.0500, 12.7620



34.2520, -27.5530, -12.7770

Complementary

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



21.4800, -35.0810, 35.5670



107.5200, 35.0810, -35.5670

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.



28.7630, -13.4750, -25.6270



21.4800, -35.0810, 35.5670



31.5970, 10.9600, -11.4080

Square

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



21.4800, -35.0810, 35.5670



30.4980, 60.7920, 21.6240



26.4150, -12.3750, -23.5350



41.2400, -44.4740, 2.0380

Rectangle

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



21.4800, -35.0810, 35.5670



38.3190, 51.7110, 37.5270



26.4150, -12.3750, -23.5350



31.6130, -21.5000, -17.8520

Sweetspot

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



21.4800, -35.0810, 35.5670



119.3150, -13.5280, 13.8960



86.0390, -66.7980, -22.9100



55.3770, -8.0710, 8.6090



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



21.4800, -35.0810, 35.5670



18.9090, -48.9300, 49.7740



38.2240, -1.7050, 47.4390



55.6840, -1.9260, 1.8660



14.8480, -38.9330, 39.2990



30.2230, -77.9120, 79.4320

Inverse Universe

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



54.4410, 31.7170, 58.4770



64.9120, 44.4130, 81.7010



90.7760, 1.7050, -47.4390



57.4780, 1.6500, 3.1380



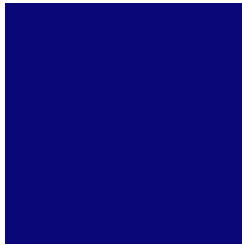
51.3970, 35.0170, 64.7530



103.6200, 70.5840, 130.5520

Previews

White Background



This preview shows how the YIQ color 21.4800, -35.0810, 35.5670 looks on a white background.

Color Contrast Check

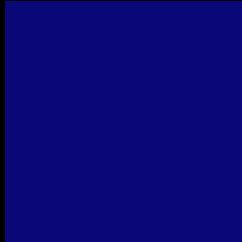
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 21.4800, -35.0810, 35.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

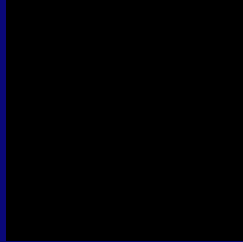
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.4800, -35.0810, 35.5670

Background



This preview shows how black text looks on a background with the YIQ color 21.4800, -35.0810, 35.5670.



This preview shows how white text looks on a background with the YIQ color 21.4800, -35.0810,

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

21.4800, -35.0810, 35.5670

Protanopia

29.6820, -33.9750, 4.4970

Deuteranopia

29.6020, -30.9940, 0.0300



Tritanopia

28.9690, -25.0780, -8.0700

Trichromacy



Original Color

21.4800, -35.0810, 35.5670

Protanomaly

26.9460, -34.2980, 15.8620

Deuteranomaly

26.7350, -32.3260, 13.1620

Tritanomaly

26.3130, -28.3820, 7.7620

Monochromacy



Original Color

21.4800, -35.0810, 35.5670

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

20.9730, -12.5650, 12.9630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.4800, -35.0810, 35.5670 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(10, 8, 121)` looks like.

```
.text, #text, p{  
    color:rgb(10, 8, 121)  
}
```

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(10, 8, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 8, 121) }
```

Border

The CSS property to change the border of an element to YIQ 21.4800, -35.0810, 35.5670 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(10, 8, 121) }
```


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

```
.border{ border-color:rgb(10, 8, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 8, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 8, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 8, 121);  
box-shadow:4px 4px 4px 4px rgb(10, 8, 121)  
}
```

Background

The CSS property to change the background color of an element to YIQ 21.4800, -35.0810, 35.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 8, 121) }
```

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

```
.background{ background-color: rgb(10, 8,  
121) }
```

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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