

Converting Colors

YIQ(144.8800, -7.5690, 21.5430)

Have a look what the booklet for
YIQ(144.8800, -7.5690, 21.5430)
contains.

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Color

**YIQ(144.8800, -7.5690,
21.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	9785BE
RGB	151, 133, 190
RGB Percent	59%, 52%, 75%
CMY	0.4078, 0.4784, 0.2550
CMYK	0.21, 0.30, 0.00, 0.25
HSL	259°, 30%, 63%
HSV	259°, 30%, 75%
XYZ	30.4449, 27.0711, 52.3250
YIQ	144.8800, -7.5690, 21.5430

Conversions

Conversions Part 2

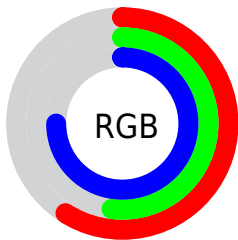
Format	Color
RYB	151, 133, 190
Decimal	9930174
CIELab	59.04, 18.66, -27.28
CIELCh	59, 33.047, 304.374
Yxy	27.0711, 0.2772, 0.2465
Android (android.graphics.Color)	4288120254 (0xFF9785BE)
YUV	144.8800, 22.2442, 5.3672
Hunter-Lab	52.0299, 13.3956, -23.2053

Details

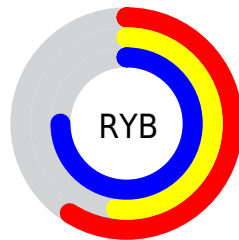
The YIQ color **144.8800, -7.5690, 21.5430** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **178.1200, 7.5690, -21.5430**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **198.9340, -7.6610, 23.2110**, and **93.8260, -7.4770, 19.8750** is the 20% darker color. If you saturate the color by 10%, you get **129.8400, -10.0920, 28.7240**, and if you desaturate by 10%, it is **159.9200, -5.0460, 14.3620**.

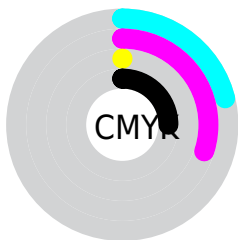
Distribution



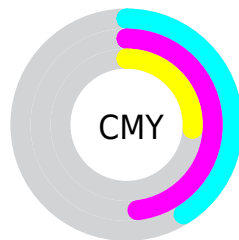
- Red (59%)
- Green (52%)
- Blue (75%)



- Red (59%)
- Yellow (52%)
- Blue (75%)



- Cyan (21%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (41%)
- Magenta (48%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.8800, -7.5690, 21.5430 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 144.8800, -7.5690, 21.5430 by changing the saturation by 10% instead.

■ 144.8800, -7.5690,
21.5430

■ 144.8800, -7.5690,
21.5430

■ 255.0000, -0.0000,
-0.0000

■ 119.3530, -7.5230,
20.7090

■ 198.8200, -7.3400,
22.9000

■ 93.8260, -7.4770,
19.8750

■ 224.6540, -1.2410,
16.9910

■ 70.0000, -8.0270,
18.8290

■ 247.3690, 3.5750,
6.7990

■ 47.0600, -8.2560,
17.4720

■ 25.8210, -9.0810,
15.9030

■ 5.8700, -10.7770,
13.5990

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 144.8800, -7.5690,
21.5430

■ 144.8800, -7.5690,
21.5430

■ 129.8400,
-10.0920, 28.7240

■ 159.9200, -5.0460,
14.3620

■ 114.8000,
-12.6150, 35.9050

■ 174.9600, -2.5230,
7.1810

■ 99.7600, -15.1380,
43.0860

■ 190.0000, -0.0000,
-0.0000

■ 84.7200, -17.6610,
50.2670

■ 205.0400, 2.5230,
-7.1810

■ 69.6800, -20.1840,
57.4480

■ 220.0800, 5.0460,
-14.3620

■ 54.6400, -22.7070,
64.6290

■ 235.1200, 7.5690,
-21.5430

■ 39.6000, -25.2300,
71.8100

■ 243.7030, 13.1170,
-22.9710

■ 247.5900, 20.8650,
-20.2150

Harmonies

Analogous

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



139.3210, -40.0280, 9.5720



144.8800, -7.5690, 21.5430



146.3580, 20.4440, 25.9800

Triad

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



144.8800, -7.5690, 21.5430



142.1620, 43.2820, -2.4620



124.2260, -60.1950, -26.9390

Complementary

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



144.8800, -7.5690, 21.5430



178.1200, 7.5690, -21.5430

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.



131.4180, -25.6250, -25.6970



144.8800, -7.5690, 21.5430



139.8730, 27.5580, -14.8580

Square

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



144.8800, -7.5690, 21.5430



143.4590, 47.3600, 11.7440



136.3260, 3.9930, -22.8150



115.2950, -91.0060, -24.7180

Rectangle

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



144.8800, -7.5690, 21.5430



145.4320, 34.7950, 24.7070



136.3260, 3.9930, -22.8150



126.9840, -47.7700, -26.3460

Sweetspot

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



144.8800, -7.5690, 21.5430



229.6010, -2.8900, 8.3260



162.9780, -29.2970, -3.1930



114.0910, -1.5140, 5.4140



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



144.8800, -7.5690, 21.5430



176.5180, -11.8810, 33.6150



153.2520, 9.1190, 27.4790



86.9230, -1.1010, 3.4350



32.9620, -20.9180, 59.7380



6.5240, -3.9910, 11.7610

Inverse Universe

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



154.4890, 21.4530, 24.2130



191.5650, 33.4630, 37.8390



169.7480, -9.1190, -27.4790



88.3750, 3.4380, 3.7740



59.5540, 59.5000, 67.0840



11.6630, 11.7350, 13.1030

Previews

White Background



This preview shows how the YIQ color 144.8800, -7.5690, 21.5430 looks on a white background.

Color Contrast Check

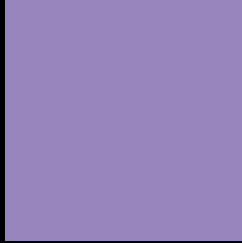
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 144.8800, -7.5690, 21.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

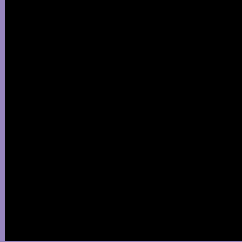
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.8800, -7.5690, 21.5430

Background



This preview shows how black text looks on a background with the YIQ color 144.8800, -7.5690, 21.5430.



This preview shows how white text looks on a background with the YIQ color 144.8800, -7.5690,

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

144.8800, -7.5690, 21.5430

Protanopia

142.0840, -25.9990, 14.1370

Deuteranopia

142.5960, -21.6890, 13.1190



Tritanopia

142.5640, -1.4680, 4.5800

Trichromacy



Original Color

144.8800, -7.5690, 21.5430

Protanomaly

142.7860, -19.1680, 16.9920

Deuteranomaly

143.2270, -16.0960, 16.3840

Tritanomaly

143.2960, -3.3490, 11.1390

Monochromacy



Original Color

144.8800, -7.5690, 21.5430

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.0740, -2.8440, 7.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.8800, -7.5690, 21.5430 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(151, 133, 190)` looks like.

```
.text, #text, p{  
    color:rgb(151, 133, 190)  
}
```

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(151, 133, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 133, 190) }
```

Border

The CSS property to change the border of an element to YIQ 144.8800, -7.5690, 21.5430 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(151, 133, 190) }
```


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

```
.border{ border-color:rgb(151, 133, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 133, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 133, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 133, 190);  
box-shadow:4px 4px 4px 4px rgb(151, 133,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 144.8800, -7.5690, 21.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 133, 190) }
```

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

```
.background{ background-color: rgb(151,  
133, 190) }
```

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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