

Converting Colors

YIQ(175.6800, -13.2980, 9.7260)

Have a look what the booklet for
YIQ(175.6800, -13.2980, 9.7260)
contains.

YIQ(175.6800, -13.2980, 9.7260)	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(175.6800, -13.2980,
9.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ADCF
RGB	169, 173, 207
RGB Percent	66%, 68%, 81%
CMY	0.3372, 0.3215, 0.1883
CMYK	0.18, 0.16, 0.00, 0.19
HSL	234°, 28%, 74%
HSV	234°, 18%, 81%
XYZ	42.5668, 42.8272, 65.0415
YIQ	175.6800, -13.2980, 9.7260

Conversions

Conversions Part 2

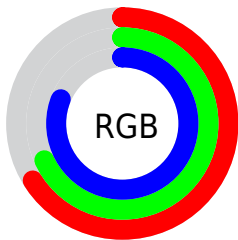
Format	Color
R _{YB}	169, 173, 207
Decimal	11120079
CIE Lab	71.44, 5.66, -17.68
CIE LCh	71, 18.567, 287.741
Yxy	42.8272, 0.2830, 0.2847
Android (android.graphics.Color)	4289310159 (0xFFA9ADCF)
YUV	175.6800, 15.4408, -5.8584
Hunter-Lab	65.4425, 1.5802, -13.1170

Details

The YIQ color $175.6800, -13.2980, 9.7260$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $200.3200, 13.2980, -9.7260$, and the grayscale version is $176.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.1810, -10.4550, 7.7610$, and $123.1530, -13.2520, 8.8920$ is the 20% darker color. If you saturate the color by 10%, you get $158.2480, -20.5890, 15.2110$, and if you desaturate by 10%, it is $193.1120, -6.0070, 4.2410$.

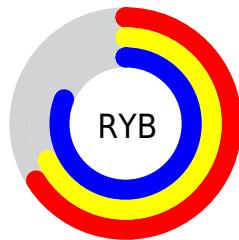
Distribution



Red (66%)

Green (68%)

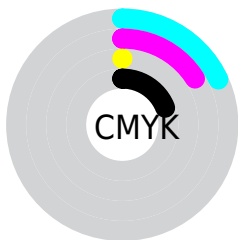
Blue (81%)



Red (66%)

Yellow (68%)

Blue (81%)

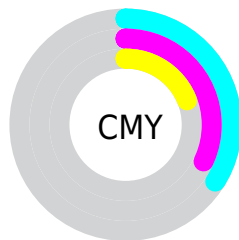


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (34%)

Magenta (32%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.6800, -13.2980, 9.7260 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 175.6800, -13.2980, 9.7260 by changing the saturation by 10% instead.

■ 175.6800,
-13.2980, 9.7260

■ 175.6800,
-13.2980, 9.7260

■ 255.0000, -0.0000,
-0.0000

■ 148.5660,
-12.9770, 9.4150

■ 230.1810,
-10.4550, 7.7610

■ 123.1530,
-13.2520, 8.8920

■ 254.4020, -1.1920,
-0.4240

■ 98.0390, -12.9310,
8.5810

■ 73.9250, -12.6100,
8.2700

■ 51.2840, -12.2430,
7.1250

■ 29.8710, -12.5180,
6.6020

■ 5.5230, -11.4180,

8.6940

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 175.6800,
-13.2980, 9.7260

■ 175.6800,
-13.2980, 9.7260

■ 158.2480,
-20.5890, 15.2110

■ 193.1120, -6.0070,
4.2410

■ 141.7020,
-27.5590, 20.3850

■ 209.6580, 0.9630,
-0.9330

■ 124.2700,
-34.8500, 25.8700

■ 227.0900, 8.2540,
-6.4180

■ 107.4250,
-42.4160, 30.8320

■ 243.9350, 15.8200,
-11.3800

■ 90.2920, -49.1110,
36.5290

■ 249.5280, 15.4080,
-14.9280

■ 73.4470, -56.6770,
41.4910

■ 56.0150, -63.9680,
46.9760

■ 39.1700, -71.5340,
51.9380

■ 36.5120, -72.4970,
52.8710

Harmonies

Analogous

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



172.7380, -28.3810, 2.2350



175.6800, -13.2980, 9.7260



177.4110, 3.7570, 14.5170

Triad

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



175.6800, -13.2980, 9.7260



176.5490, 29.2510, 4.0270



169.2050, -20.1710, -14.4030

Complementary

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



175.6800, -13.2980, 9.7260



200.3200, 13.2980, -9.7260

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.



171.4040, -4.6740, -14.4180



175.6800, -13.2980, 9.7260



174.8700, 23.6130, -3.9310

Square

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



175.6800, -13.2980, 9.7260



177.5800, 27.9660, 10.7980



173.1240, 10.9140, -10.5740



168.5550, -32.7800, -11.6600

Rectangle

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



175.6800, -13.2980, 9.7260



178.3860, 14.0730, 14.7850



173.1240, 10.9140, -10.5740



170.1300, -15.5860, -14.8980

Sweetspot

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



175.6800, -13.2980, 9.7260



242.2970, -5.0900, 4.1420



195.1820, -21.3640, -9.3000



120.6130, -3.1640, 2.2760



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.



175.6800, -13.2980, 9.7260



208.9060, -19.6260, 14.2780



177.8170, -3.2580, 14.9980



95.8410, -3.8060, 2.8980



29.7180, -58.8780, 42.8340



7.0220, -14.2610, 10.6590

Inverse Universe

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



180.8180, 21.3640, 9.3000



216.4280, 31.4500, 13.7380



198.1830, 3.2580, -14.9980



97.4030, 6.2350, 2.6430



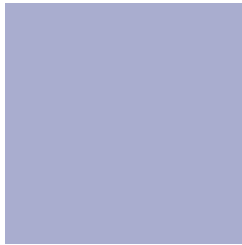
52.2840, 94.3500, 41.2140



12.7150, 23.1520, 9.9360

Previews

White Background



This preview shows how the YIQ color 175.6800, -13.2980, 9.7260 looks on a white background.

Color Contrast Check

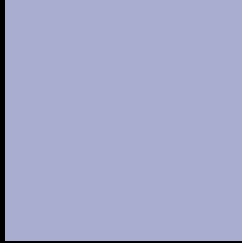
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 175.6800, -13.2980, 9.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

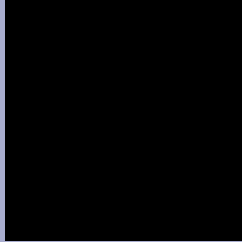
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.6800, -13.2980, 9.7260

Background



This preview shows how black text looks on a background with the YIQ color 175.6800, -13.2980, 9.7260.



This preview shows how white text looks on a background with the YIQ color 175.6800, -13.2980, 9.7260.

9.7260.

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

175.6800, -13.2980, 9.7260

Protanopia

175.3810, -13.8940, 9.5140

Deuteranopia

176.5990, -8.5760, 12.2560



Tritanopia

174.6060, -10.4540, 2.2340

Trichromacy



Original Color

175.6800, -13.2980, 9.7260

Protanomaly

175.3810, -13.8940, 9.5140

Deuteranomaly

176.2890, -10.6390, 11.0970

Tritanomaly

175.0020, -11.5090, 4.8350

Monochromacy



Original Color

175.6800, -13.2980, 9.7260

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.7700, -5.0440, 3.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.6800, -13.2980, 9.7260 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(169, 173, 207)` looks like.

```
.text, #text, p{  
    color:rgb(169, 173, 207)  
}
```

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(169, 173, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 173, 207) }
```

Border

The CSS property to change the border of an element to YIQ 175.6800, -13.2980, 9.7260 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(169, 173, 207) }
```


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

```
.border{ border-color:rgb(169, 173, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 173, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 173, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 173, 207);  
box-shadow:4px 4px 4px 4px rgb(169, 173,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 175.6800, -13.2980, 9.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 173, 207) }
```

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

```
.background{ background-color: rgb(169,  
173, 207) }
```

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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