

Converting Colors

YIQ(134.9980, -22.8810,
12.6950)

Have a look what the booklet for
YIQ(134.9980, -22.8810, 12.6950)
contains.

YIQ(134.9980, -22.8810, 12.6950)	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(134.9980, -22.8810,
12.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	7985B6
RGB	121, 133, 182
RGB Percent	47%, 52%, 71%
CMY	0.5255, 0.4784, 0.2864
CMYK	0.34, 0.27, 0.00, 0.29
HSL	228°, 29%, 59%
HSV	228°, 34%, 71%
XYZ	24.7136, 24.2175, 47.6101
YIQ	134.9980, -22.8810, 12.6950

Conversions

Conversions Part 2

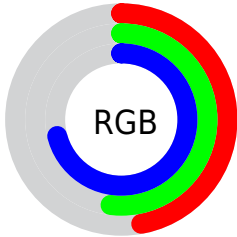
Format	Color
R_{YB}	121, 131, 182
Decimal	7964086
CIE _{Lab}	56.30, 7.47, -27.14
CIE _{LCh}	56, 28.148, 285.394
Yxy	24.2175, 0.2560, 0.2509
Android (android.graphics.Color)	4286154166 (0xFF7985B6)
YUV	134.9980, 23.1720, -12.2762
Hunter-Lab	49.2113, 3.5217, -22.9130

Details

The YIQ color $134.9980, -22.8810, 12.6950$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $168.0020, 22.8810, -12.6950$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.6390, -23.2480, 13.8400$, and $84.9440, -22.7890, 11.0270$ is the 20% darker color. If you saturate the color by 10%, you get $120.8110, -29.4840, 16.7240$, and if you desaturate by 10%, it is $149.1850, -16.2780, 8.6660$.

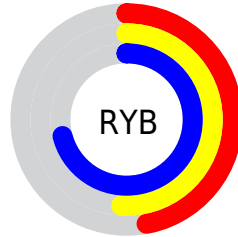
Distribution



Red (47%)

Green (52%)

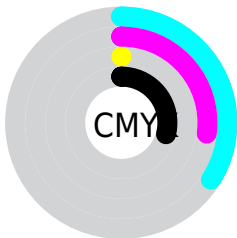
Blue (71%)



Red (47%)

Yellow (51%)

Blue (71%)

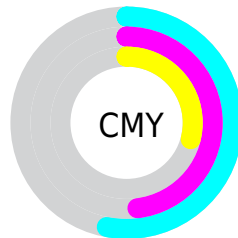


Cyan (34%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.9980, -22.8810, 12.6950 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 134.9980, -22.8810, 12.6950 by changing the saturation by 10% instead.

■ 134.9980,
-22.8810, 12.6950

■ 134.9980,
-22.8810, 12.6950

■ 255.0000, -0.0000,
-0.0000

■ 109.4710,
-22.8350, 11.8610

■ 188.6390,
-23.2480, 13.8400

■ 84.9440, -22.7890,
11.0270

■ 215.3850,
-19.7170, 10.4190

■ 61.1180, -23.3390,
9.9810

■ 240.1930,
-10.7290, 1.7110

■ 37.2810, -25.3560,
7.9880

■ 17.5370, -23.2010,
7.4790

■ 5.0500, -11.4640,
9.5280

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 134.9980,
-22.8810, 12.6950

■ 134.9980,
-22.8810, 12.6950

■ 120.8110,
-29.4840, 16.7240

■ 149.1850,
-16.2780, 8.6660

■ 107.2110,
-36.3620, 20.2300

■ 162.7850, -9.4000,
5.1600

■ 92.7250, -43.5610,
24.0470

■ 177.2710, -2.2010,
1.3430

■ 79.1250, -50.4390,
27.5530

■ 190.8710, 4.6770,
-2.1630

■ 64.9380, -57.0420,
31.5820

■ 205.0580, 11.2800,
-6.1920

■ 50.7510, -63.6450,
35.6110

■ 219.2450, 17.8830,
-10.2210

■ 41.8800, -68.3220,
37.7740

■ 232.8450, 24.7610,
-13.7270

■ 243.7430, 24.8080,
-20.0880

■ 246.6780, 23.4330,
-22.7030

Harmonies

Analogous

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



128.3320, -47.7290, 0.4550



134.9980, -22.8810, 12.6950



138.2140, 3.1140, 20.6660

Triad

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



134.9980, -22.8810, 12.6950



135.7630, 40.3920, 5.8640



124.7150, -30.7150, -21.5550

Complementary

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



134.9980, -22.8810, 12.6950



168.0020, 22.8810, -12.6950

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.



129.1170, -5.5440, -20.6800



134.9980, -22.8810, 12.6950



134.1930, 32.8290, -5.7550

Square

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



134.9980, -22.8810, 12.6950



137.7170, 38.0060, 16.0700



131.8980, 17.2420, -15.1260



120.0790, -55.1070, -20.0270

Rectangle

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



134.9980, -22.8810, 12.6950



138.4670, 18.5190, 22.3190



131.8980, 17.2420, -15.1260



126.7930, -22.1870, -21.9230

Sweetspot

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



134.9980, -22.8810, 12.6950



218.6710, -9.0790, 4.8490



162.3930, -32.5040, -16.6640



108.4710, -5.6400, 3.0960



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



134.9980, -22.8810, 12.6950



163.9830, -35.7200, 19.6080



133.3360, -8.8530, 22.7870



84.6130, -3.1640, 2.2760



35.9810, -58.6010, 32.3030



6.7140, -10.6380, 5.5700

Inverse Universe

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



140.6070, 32.5040, 16.6640



172.5710, 50.5210, 26.0490



169.6640, 8.8530, -22.7870



85.8050, 5.0430, 2.2190



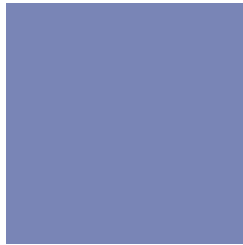
50.1780, 83.0250, 42.7130



9.0560, 14.7620, 7.8020

Previews

White Background



This preview shows how the YIQ color 134.9980, -22.8810, 12.6950 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 134.9980, -22.8810, 12.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

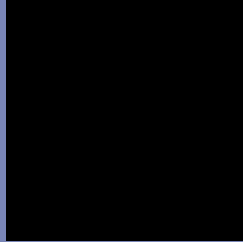
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.9980, -22.8810, 12.6950

Background



This preview shows how black text looks on a background with the YIQ color 134.9980, -22.8810, 12.6950.



This preview shows how white text looks on a background with the YIQ color 134.9980, -22.8810,

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

134.9980, -22.8810, 12.6950

Protanopia

134.9980, -22.8810, 12.6950

Deuteranopia

134.9980, -22.8810, 12.6950



Tritanopia

132.7790, -18.4310, -1.8790

Trichromacy



Original Color

134.9980, -22.8810, 12.6950

Protanomaly

134.9980, -22.8810, 12.6950

Deuteranomaly

134.9980, -22.8810, 12.6950

Tritanomaly

133.8700, -19.9450, 3.5350

Monochromacy



Original Color

134.9980, -22.8810, 12.6950

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.8560, -8.1620, 4.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.9980, -22.8810, 12.6950 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(121, 133, 182)` looks like.

```
.text, #text, p{  
    color:rgb(121, 133, 182)  
}
```

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(121, 133, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 133, 182) }
```

Border

The CSS property to change the border of an element to YIQ 134.9980, -22.8810, 12.6950 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(121, 133, 182) }
```


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

```
.border{ border-color:rgb(121, 133, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 133, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 133, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 133, 182); box-shadow:4px 4px 4px 4px rgb(121, 133, 182) }
```

Background

The CSS property to change the background color of an element to YIQ 134.9980, -22.8810, 12.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 133, 182) }
```

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

```
.background{ background-color: rgb(121,  
133, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor