

Converting Colors

YIQ(134.6620, -22.0550, 8.7370)

Have a look what the booklet for
YIQ(134.6620, -22.0550, 8.7370)
contains.

YIQ(134.6620, -22.0550, 8.7370)	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(134.6620, -22.0550,
8.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	7787AE
RGB	119, 135, 174
RGB Percent	47%, 53%, 68%
CMY	0.5333, 0.4706, 0.3178
CMYK	0.32, 0.22, 0.00, 0.32
HSL	223°, 25%, 57%
HSV	223°, 32%, 68%
XYZ	23.9092, 24.3064, 43.4605
YIQ	134.6620, -22.0550, 8.7370

Conversions

Conversions Part 2

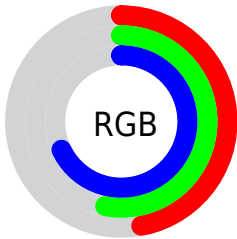
Format	Color
R_{YB}	119, 131, 174
Decimal	7833518
CIE _{Lab}	56.39, 3.59, -22.44
CIE _{LCh}	56, 22.726, 279.091
Yxy	24.3064, 0.2608, 0.2651
Android (android.graphics.Color)	4286023598 (0xFF7787AE)
YUV	134.6620, 19.3936, -13.7356
Hunter-Lab	49.3015, 0.2878, -17.7546

Details

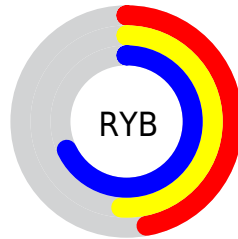
The YIQ color **134.6620, -22.0550, 8.7370** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **158.3380, 22.0550, -8.7370**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.0040, -23.0180, 9.6700**, and **84.6080, -21.9630, 7.0690** is the 20% darker color. If you saturate the color by 10%, you get **122.5350, -28.8870, 11.4090**, and if you desaturate by 10%, it is **146.7890, -15.2230, 6.0650**.

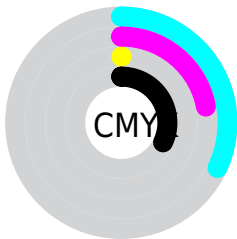
Distribution



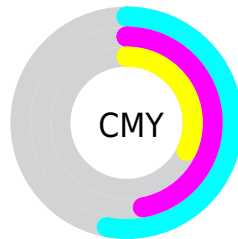
- Red (47%)
- Green (53%)
- Blue (68%)



- Red (47%)
- Yellow (51%)
- Blue (68%)



- Cyan (32%)
- Magenta (22%)
- Yellow (0%)
- Black (32%)



- Cyan (53%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.6620, -22.0550, 8.7370 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 134.6620, -22.0550, 8.7370 by changing the saturation by 10% instead.

■ 134.6620,
-22.0550, 8.7370

■ 134.6620,
-22.0550, 8.7370

■ 255.0000, -0.0000,
-0.0000

■ 109.1350,
-22.0090, 7.9030

■ 188.0040,
-23.0180, 9.6700

■ 84.6080, -21.9630,
7.0690

■ 215.6620,
-22.0550, 8.7370

■ 60.4940, -21.6420,
6.7580

■ 240.7690,
-12.4710, 0.2410

■ 38.0700, -23.3840,
5.2880

■ 17.4400, -21.5500,
5.0900

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,

0.0000

■ 134.6620,
-22.0550, 8.7370

■ 134.6620,
-22.0550, 8.7370

■ 122.5350,
-28.8870, 11.4090

■ 146.7890,
-15.2230, 6.0650

■ 109.5220,
-36.0400, 14.3920

■ 159.8020, -8.0700,
3.0820

■ 97.3950, -42.8720,
17.0640

■ 171.9290, -1.2380,
0.4100

■ 84.9690, -50.3000,
19.5240

■ 184.3550, 6.1900,
-2.0500

■ 72.2550, -56.8570,
22.7190

■ 197.0690, 12.7470,
-5.2450

■ 60.1280, -63.6890,
25.3910

■ 209.1960, 19.5790,
-7.9170

■ 49.7730, -69.8790,
27.4410

■ 221.6220, 27.0070,
-10.3770

■ 233.4390, 31.7760,
-14.2080

■ 240.4830, 28.4760,
-20.4840

Harmonies

Analogous

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



129.8830, -39.1550, -0.7470



134.6620, -22.0550, 8.7370



137.7140, -1.4700, 15.6340

Triad

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



134.6620, -22.0550, 8.7370



136.5820, 33.6520, 6.8680



128.3960, -19.3910, -17.5270

Complementary

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



134.6620, -22.0550, 8.7370



158.3380, 22.0550, -8.7370

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.



131.6880, 0.2780, -16.0580



134.6620, -22.0550, 8.7370



135.4470, 29.2980, -2.3340

Square

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



134.6620, -22.0550, 8.7370



138.1720, 29.2950, 14.2470



133.5330, 17.0120, -10.9560



125.6960, -37.7310, -15.5470

Rectangle

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



134.6620, -22.0550, 8.7370



138.4120, 11.1840, 17.5840



133.5330, 17.0120, -10.9560



129.2180, -13.0180, -17.3860

Sweetspot

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



134.6620, -22.0550, 8.7370



212.2150, -7.7950, 3.6050



155.6170, -27.3230, -16.9470



105.8300, -5.2730, 1.9510



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



134.6620, -22.0550, 8.7370



165.4790, -34.4810, 13.6710



128.5590, -11.0990, 19.4370



80.7870, -3.7140, 1.2300



42.9280, -60.2500, 23.6380



6.7310, -9.3080, 3.4920

Inverse Universe

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



137.2690, 27.6440, 16.6360



169.5640, 43.2310, 26.0070



164.4410, 11.0990, -19.4370



81.0330, 4.4010, 2.8410



49.8660, 75.2760, 45.4840



7.6750, 11.4610, 7.0530

Previews

White Background



This preview shows how the YIQ color 134.6620, -22.0550, 8.7370 looks on a white background.

Color Contrast Check

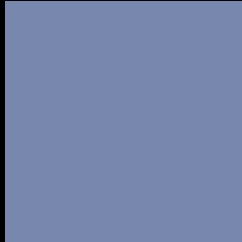
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.6620, -22.0550, 8.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

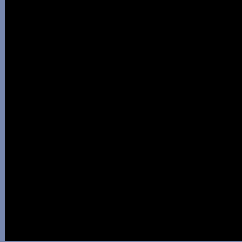
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

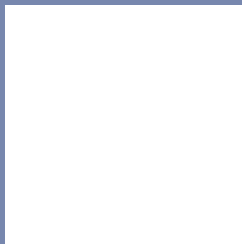
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 134.6620, -22.0550, 8.7370

Background



This preview shows how black text looks on a background with the YIQ color 134.6620, -22.0550, 8.7370.



This preview shows how white text looks on a background with the YIQ color 134.6620, -22.0550,

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

134.6620, -22.0550, 8.7370

Protanopia

135.7550, -17.8830, 10.2210

Deuteranopia

135.8800, -16.7370, 11.4790



Tritanopia

132.7790, -18.4310, -1.8790

Trichromacy



Original Color

134.6620, -22.0550, 8.7370

Protanomaly

135.1570, -19.0750, 9.7970

Deuteranomaly

135.5700, -18.8000, 10.3200

Tritanomaly

133.8160, -19.8530, 1.8670

Monochromacy



Original Color

134.6620, -22.0550, 8.7370

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.8020, -8.0700, 3.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.6620, -22.0550, 8.7370 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(119, 135, 174)` looks like.

```
.text, #text, p{  
    color:rgb(119, 135, 174)  
}
```

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(119, 135, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 135, 174) }
```

Border

The CSS property to change the border of an element to YIQ 134.6620, -22.0550, 8.7370 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(119, 135, 174) }
```


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

```
.border{ border-color:rgb(119, 135, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 135, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 135, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 135, 174);  
box-shadow:4px 4px 4px 4px rgb(119, 135,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 134.6620, -22.0550, 8.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 135, 174) }
```

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

```
.background{ background-color: rgb(119,  
135, 174) }
```

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