

Converting Colors

YIQ(135.9550, -21.3220,
11.9740)

Have a look what the booklet for
YIQ(135.9550, -21.3220, 11.9740)
contains.

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Color

**YIQ(135.9550, -21.3220,
11.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	7B86B4
RGB	123, 134, 180
RGB Percent	48%, 53%, 71%
CMY	0.5176, 0.4745, 0.2942
CMYK	0.32, 0.26, 0.00, 0.29
HSL	228°, 28%, 59%
HSV	228°, 32%, 71%
XYZ	24.9293, 24.5565, 46.5896
YIQ	135.9550, -21.3220, 11.9740

Conversions

Conversions Part 2

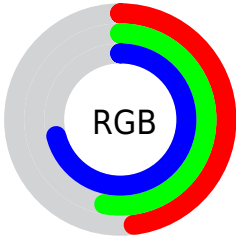
Format	Color
R_{YB}	123, 132, 180
Decimal	8095412
CIE _{Lab}	56.64, 6.95, -25.47
CIE _{LCh}	57, 26.398, 285.265
Yxy	24.5565, 0.2595, 0.2556
Android (android.graphics.Color)	4286285492 (0xFF7B86B4)
YUV	135.9550, 21.7142, -11.3615
Hunter-Lab	49.5546, 3.0772, -21.0544

Details

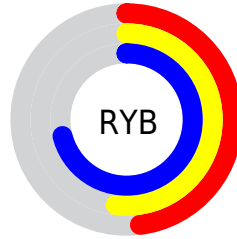
The YIQ color $135.9550, -21.3220, 11.9740$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $167.0450, 21.3220, -11.9740$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.5960, -21.6890, 13.1190$, and $85.9010, -21.2300, 10.3060$ is the 20% darker color. If you saturate the color by 10%, you get $121.7680, -27.9250, 16.0030$, and if you desaturate by 10%, it is $150.1420, -14.7190, 7.9450$.

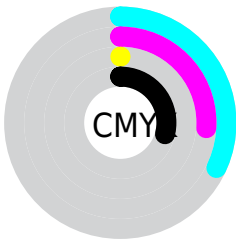
Distribution



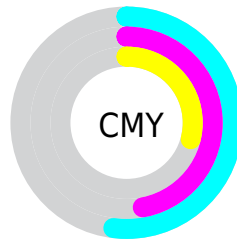
- Red (48%)
- Green (53%)
- Blue (71%)



- Red (48%)
- Yellow (52%)
- Blue (71%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (29%)



- Cyan (52%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.9550, -21.3220, 11.9740 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 135.9550, -21.3220, 11.9740 by changing the saturation by 10% instead.

■ 135.9550,
-21.3220, 11.9740

■ 135.9550,
-21.3220, 11.9740

■ 255.0000, -0.0000,
-0.0000

■ 110.4280,
-21.2760, 11.1400

■ 189.5960,
-21.6890, 13.1190

■ 85.9010, -21.2300,
10.3060

■ 216.5700,
-18.8000, 10.3200

■ 62.0750, -21.7800,
9.2600

■ 241.3780, -9.8120,
1.6120

■ 38.9500, -22.9260,
8.0020

■ 18.0100, -23.1550,
6.6450

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 135.9550,
-21.3220, 11.9740

■ 135.9550,
-21.3220, 11.9740

■ 121.7680,
-27.9250, 16.0030

■ 150.1420,
-14.7190, 7.9450

■ 108.1680,
-34.8030, 19.5090

■ 163.7420, -7.8410,
4.4390

■ 93.9810, -41.4060,
23.5380

■ 177.9290, -1.2380,
0.4100

■ 80.3810, -48.2840,
27.0440

■ 191.5290, 5.6400,
-3.0960

■ 66.1940, -54.8870,
31.0730

■ 205.7160, 12.2430,
-7.1250

■ 52.5940, -61.7650,
34.5790

■ 219.3160, 19.1210,
-10.6310

■ 41.0650, -67.4050,
37.6750

■ 233.5030, 25.7240,
-14.6600

■ 243.5150, 25.4500,
-20.7100

■ 246.4500, 24.0750,
-23.3250

Harmonies

Analogous

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



129.5990, -44.1070, 0.8930



135.9550, -21.3220, 11.9740



139.1600, 3.2060, 18.9980

Triad

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



135.9550, -21.3220, 11.9740



136.9800, 38.2830, 5.5390



126.9110, -28.3310, -20.7070

Complementary

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



135.9550, -21.3220, 11.9740



167.0450, 21.3220, -11.9740

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.



130.3560, -4.7190, -19.1110



135.9550, -21.3220, 11.9740



135.8230, 30.9950, -5.5570

Square

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



135.9550, -21.3220, 11.9740



138.5210, 35.6220, 15.2220



133.2400, 16.2790, -14.1930



123.6560, -49.4220, -18.4300

Rectangle

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



135.9550, -21.3220, 11.9740



139.3420, 17.3730, 21.0610



133.2400, 16.2790, -14.1930



128.2170, -20.4450, -20.4530

Sweetspot

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



135.9550, -21.3220, 11.9740



218.4430, -8.4370, 4.2270



161.7030, -30.4410, -15.5050



107.2430, -4.9980, 2.4740



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



135.9550, -21.3220, 11.9740



165.8260, -33.8400, 18.5760



134.5810, -8.1650, 21.3310



82.2000, -3.4390, 1.7530



35.0520, -57.3630, 31.8930



5.8990, -9.7210, 5.4710

Inverse Universe

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



141.2970, 30.4410, 15.5050



173.9620, 47.8620, 24.6780



168.4190, 8.1650, -21.3310



82.9190, 4.7220, 2.5300



49.1670, 81.5580, 41.7660



8.3440, 13.8910, 7.0670

Previews

White Background



This preview shows how the YIQ color 135.9550, -21.3220, 11.9740 looks on a white background.

Color Contrast Check

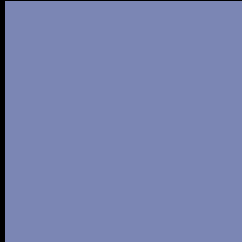
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.9550, -21.3220, 11.9740 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

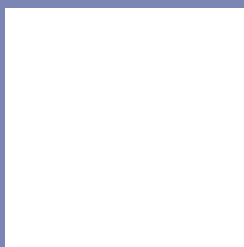
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.9550, -21.3220, 11.9740

Background



This preview shows how black text looks on a background with the YIQ color 135.9550, -21.3220, 11.9740.



This preview shows how white text looks on a background with the YIQ color 135.9550, -21.3220, 11.9740.

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

135.9550, -21.3220, 11.9740

Protanopia

135.9550, -21.3220, 11.9740

Deuteranopia

136.2540, -20.7260, 12.1860



Tritanopia

133.7900, -16.9640, -0.9320

Trichromacy



Original Color

135.9550, -21.3220, 11.9740

Protanomaly

135.9550, -21.3220, 11.9740

Deuteranomaly

136.2540, -20.7260, 12.1860

Tritanomaly

134.4680, -18.7530, 3.9590

Monochromacy



Original Color

135.9550, -21.3220, 11.9740

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.7420, -7.8410, 4.4390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.9550, -21.3220, 11.9740 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(123, 134, 180)` looks like.

```
.text, #text, p{  
    color:rgb(123, 134, 180)  
}
```

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(123, 134, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 134, 180) }
```

Border

The CSS property to change the border of an element to YIQ 135.9550, -21.3220, 11.9740 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(123, 134, 180) }
```


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

```
.border{ border-color:rgb(123, 134, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 134, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 134, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 134, 180);  
box-shadow:4px 4px 4px 4px rgb(123, 134,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 135.9550, -21.3220, 11.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 134, 180) }
```

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

```
.background{ background-color: rgb(123,  
134, 180) }
```

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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