

Converting Colors

YIQ(133.2270, -26.4050,
-22.5730)

Have a look what the booklet for
YIQ(133.2270, -26.4050, -22.5730)
contains.

YIQ(133.2270, -26.4050, -22.5730)	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(133.2270, -26.4050,
-22.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9B7C
RGB	94, 155, 124
RGB Percent	37%, 61%, 49%
CMY	0.6315, 0.3920, 0.5138
CMYK	0.39, 0.00, 0.20, 0.39
HSL	149°, 25%, 49%
HSV	149°, 39%, 61%
XYZ	19.9742, 27.2834, 23.2754
YIQ	133.2270, -26.4050, -22.5730

Conversions

Conversions Part 2

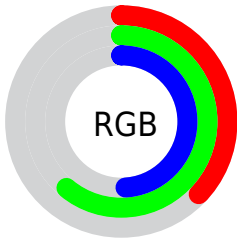
Format	Color
R_{YB}	94, 135, 155
Decimal	6200188
CIE _{Lab}	59.24, -27.02, 10.13
CIE _{LCh}	59, 28.862, 159.448
Yxy	27.2834, 0.2832, 0.3868
Android (android.graphics.Color)	4284390268 (0xFF5E9B7C)
YUV	133.2270, -4.5489, -34.4021
Hunter-Lab	52.2335, -23.1499, 10.1436

Details

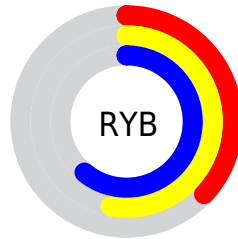
The YIQ color **133.2270, -26.4050, -22.5730** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **115.7730, 26.4050, 22.5730**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4010, -26.9550, -23.6190**, and **81.8680, -26.7720, -21.4280** is the 20% darker color. If you saturate the color by 10%, you get **127.5310, -33.3730, -28.4530**, and if you desaturate by 10%, it is **138.6240, -20.0330, -16.9050**.

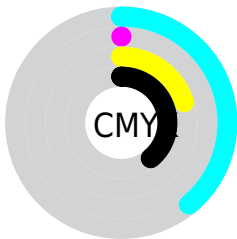
Distribution



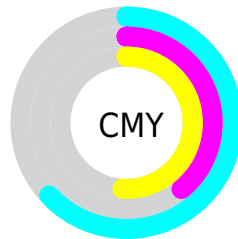
- Red (37%)
- Green (61%)
- Blue (49%)



- Red (37%)
- Yellow (53%)
- Blue (61%)



- Cyan (39%)
- Magenta (0%)
- Yellow (20%)
- Black (39%)



- Cyan (63%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.2270, -26.4050, -22.5730 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 133.2270, -26.4050, -22.5730 by changing the saturation by 10% instead.

■ 133.2270,
-26.4050, -22.5730

■ 133.2270,
-26.4050, -22.5730

■ 255.0000, -0.0000,
-0.0000

■ 107.3410,
-26.7260, -22.2620

■ 187.4010,
-26.9550, -23.6190

■ 81.8680, -26.7720,
-21.4280

■ 214.9880,
-27.2300, -24.1420

■ 56.4870, -30.0730,
-22.1770

■ 236.5310,
-24.2050, -18.3890

■ 36.4060, -25.3510,
-19.6470

■ 247.8240,
-14.3040, -5.0880

■ 21.4570, -12.1930,
-15.8170

■ 0.0000, 0.0000,
0.0000

■ 133.2270,
-26.4050, -22.5730

■ 133.2270,
-26.4050, -22.5730

■ 127.5310,
-33.3730, -28.4530

■ 138.6240,
-20.0330, -16.9050

■ 122.1340,
-39.7450, -34.1210

■ 144.3200,
-13.0650, -11.0250

■ 116.4380,
-46.7130, -40.0010

■ 149.7170, -6.6930,
-5.3570

■ 111.0410,
-53.0850, -45.6690

■ 155.4130, 0.2750,
0.5230

■ 105.4590,
-60.3740, -51.2380

■ 160.6960, 6.9680,
5.8800

■ 100.0620,
-66.7460, -56.9060

■ 166.3920, 13.9360,
11.7600

■ 99.6490, -67.0210,
-57.4290

■ 171.7890, 20.3080,
17.4280

■ 177.4850, 27.2760,

23.3080

■ 182.8820, 33.6480,
28.9760

Harmonies

Analogous

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



137.4550, -0.6840, -20.6520



133.2270, -26.4050, -22.5730



128.1070, -52.3100, -21.1580

Triad

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



133.2270, -26.4050, -22.5730



141.4210, -28.5660, 11.0980



144.1270, 42.3630, 8.6910

Complementary

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



133.2270, -26.4050, -22.5730



115.7730, 26.4050, 22.5730

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.



144.9990, 37.2720, 18.3600



133.2270, -26.4050, -22.5730



145.4630, -2.0210, 20.1150

Square

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



133.2270, -26.4050, -22.5730



133.8150, -53.6430, -2.4990



146.4350, 21.5450, 22.5450



142.5140, 36.3590, -3.6490

Rectangle

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



133.2270, -26.4050, -22.5730



127.0550, -63.7270, -17.9910



146.4350, 21.5450, 22.5450



144.3490, 41.8580, 12.3380

Sweetspot

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



133.2270, -26.4050, -22.5730



192.4560, -10.4520, -8.8200



139.3750, 2.2970, -25.1190



97.0160, -6.0970, -5.1450



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



133.2270, -26.4050, -22.5730



167.4220, -40.6160, -34.8560



136.6470, -36.0350, -13.2430



74.1520, -3.4840, -2.9400



90.0460, -60.6490, -51.7610



8.3150, -5.5010, -4.9330

Inverse Universe

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



115.7730, 26.4050, 22.5730



140.5780, 40.6160, 34.8560



112.3530, 36.0350, 13.2430



71.8480, 3.4840, 2.9400



49.9540, 60.6490, 51.7610



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 133.2270, -26.4050, -22.5730 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 133.2270, -26.4050, -22.5730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

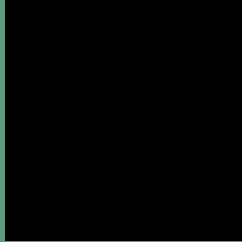
Any Text WCAG AA ✓ Pass

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 133.2270, -26.4050, -22.5730 Background



This preview shows how black text looks on a background with the YIQ color 133.2270, -26.4050, -22.5730.



This preview shows how white text looks on a background with the YIQ color 133.2270, -26.4050, -22.5730.

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

133.2270, -26.4050, -22.5730

Protanopia

141.5420, 12.7930, -6.0790

Deuteranopia

143.1500, 17.1930, 2.2890



Tritanopia

137.3150, -31.8640, -6.2320

Trichromacy



Original Color

133.2270, -26.4050, -22.5730

Protanomaly

138.8390, -1.4650, -12.0010

Deuteranomaly

139.9690, 1.2850, -6.7710

Tritanomaly

135.9960, -29.7080, -12.2680

Monochromacy



Original Color

133.2270, -26.4050, -22.5730

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1680, -9.5810, -8.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.2270, -26.4050, -22.5730 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(94, 155, 124)` looks like.

```
.text, #text, p{  
    color:rgb(94, 155, 124)  
}
```

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(94, 155, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 155, 124) }
```

Border

The CSS property to change the border of an element to YIQ 133.2270, -26.4050, -22.5730 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(94, 155, 124) }
```


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

```
.border{ border-color:rgb(94, 155, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 155, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 155, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 155, 124);  
box-shadow:4px 4px 4px 4px rgb(94, 155,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 133.2270, -26.4050, -22.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 155, 124) }
```

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

```
.background{ background-color: rgb(94, 155,  
124) }
```

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