

Converting Colors

YIQ(133.7490, -9.7190, -5.5830)

Have a look what the booklet for
YIQ(133.7490, -9.7190, -5.5830)
contains.

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Color

**YIQ(133.7490, -9.7190,
-5.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	798C87
RGB	121, 140, 135
RGB Percent	47%, 55%, 53%
CMY	0.5255, 0.4509, 0.4706
CMYK	0.14, 0.00, 0.04, 0.45
HSL	164°, 8%, 51%
HSV	164°, 14%, 55%
XYZ	21.6352, 24.5716, 26.5209
YIQ	133.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

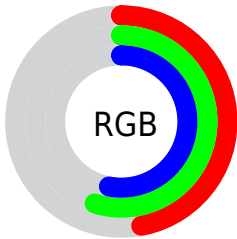
Format	Color
R_{YB}	121, 132, 140
Decimal	7965831
CIE Lab	56.66, -7.88, 0.37
CIE LCh	57, 7.890, 177.346
Yxy	24.5716, 0.2975, 0.3379
Android (android.graphics.Color)	4286155911 (0xFF798C87)
YUV	133.7490, 0.6167, -11.1809
Hunter-Lab	49.5697, -8.8388, 2.9774

Details

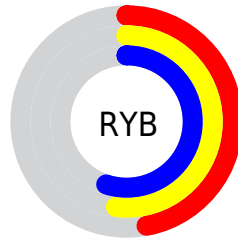
The YIQ color $133.7490, -9.7190, -5.5830$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $127.2510, 9.7190, 5.5830$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $187.0370, -10.5900, -6.3180$, and $84.0480, -9.1230, -5.3710$ is the 20% darker color. If you saturate the color by 10%, you get $129.1070, -16.7790, -9.7950$, and if you desaturate by 10%, it is $138.3910, -2.6590, -1.3710$.

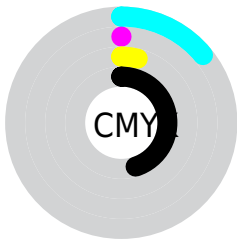
Distribution



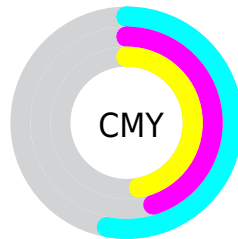
- Red (47%)
- Green (55%)
- Blue (53%)



- Red (47%)
- Yellow (52%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.7490, -9.7190, -5.5830 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 133.7490, -9.7190, -5.5830 by changing the saturation by 10% instead.

■ 133.7490, -9.7190,
-5.5830

■ 133.7490, -9.7190,
-5.5830

■ 255.0000, -0.0000,
-0.0000

■ 108.7490, -9.7190,
-5.5830

■ 187.0370,
-10.5900, -6.3180

■ 84.0480, -9.1230,
-5.3710

■ 214.4500,
-10.3150, -5.7950

■ 61.0480, -9.1230,
-5.3710

■ 243.0370,
-10.5900, -6.3180

■ 38.7600, -8.2520,
-4.6360

■ 17.5640, -10.6360,
-5.4840

■ 0.0000, 0.0000,
0.0000

■ 133.7490, -9.7190,
-5.5830

■ 133.7490, -9.7190,
-5.5830

■ 129.1070,
-16.7790, -9.7950

■ 138.3910, -2.6590,
-1.3710

■ 124.5790,
-24.1600, -13.6960

■ 142.9190, 4.7220,
2.5300

■ 119.9370,
-31.2200, -17.9080

■ 147.5610, 11.7820,
6.7420

■ 115.2950,
-38.2800, -22.1200

■ 152.2030, 18.8420,
10.9540

■ 110.7670,
-45.6610, -26.0210

■ 156.7310, 26.2230,
14.8550

■ 106.1250,
-52.7210, -30.2330

■ 161.3730, 33.2830,
19.0670

■ 101.4830,
-59.7810, -34.4450

■ 166.0150, 40.3430,
23.2790

■ 96.8410, -66.8410,

■ 170.6570, 47.4030,

-38.6570

27.4910

■ 93.9220, -71.5630,
-41.1870

■ 175.1850, 54.7840,
31.3920

Harmonies

Analogous

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



134.1580, -3.6210, -5.9650



133.7490, -9.7190, -5.5830



133.9490, -13.1580, -3.8300

Triad

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



133.7490, -9.7190, -5.5830



136.4930, -2.7060, 4.9900



136.5730, 11.5080, 0.6920

Complementary

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



133.7490, -9.7190, -5.5830



127.2510, 9.7190, 5.5830

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.



137.4530, 11.9660, 3.4060



133.7490, -9.7190, -5.5830



136.8420, 3.6210, 5.9650

Square

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



133.7490, -9.7190, -5.5830



135.6770, -9.2160, 1.8240



137.3650, 9.3980, 5.8940



135.6110, 8.3450, -2.5590

Rectangle

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



133.7490, -9.7190, -5.5830



134.1170, -13.5710, -1.8510



137.3650, 9.3980, 5.8940



136.6980, 12.6540, 1.9500

Sweetspot

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



133.7490, -9.7190, -5.5830



178.6790, -3.5300, -2.1060



133.6480, -2.2450, -8.8770



90.3910, -2.6590, -1.3710



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



133.7490, -9.7190, -5.5830



171.4170, -14.7160, -8.6360



131.9710, -10.2240, -1.9360



66.6790, -3.5300, -2.1060



89.2430, -68.0330, -39.0810



3.3910, -2.6590, -1.3710

Inverse Universe

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



127.2510, 9.7190, 5.5830



161.5830, 14.7160, 8.6360



129.0290, 10.2240, 1.9360



64.3210, 3.5300, 2.1060



43.7570, 68.0330, 39.0810



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 133.7490, -9.7190, -5.5830 looks on a white background.

Color Contrast Check

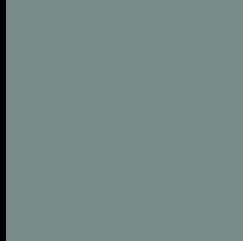
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7490, -9.7190, -5.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

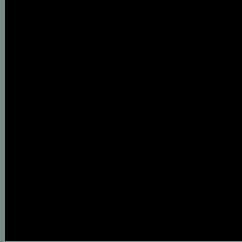
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

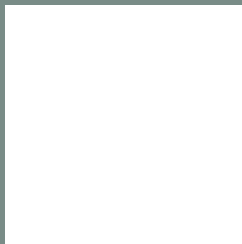
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 133.7490, -9.7190, -5.5830

Background



This preview shows how black text looks on a background with the YIQ color 133.7490, -9.7190, -5.5830.



This preview shows how white text looks on a background with the YIQ color 133.7490, -9.7190,

-5.5830.

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

133.7490, -9.7190, -5.5830

Protanopia

135.8540, 3.3470, -0.0850

Deuteranopia

136.7670, 8.2060, 5.4700



Tritanopia

134.7690, -12.4710, 0.2410

Trichromacy



Original Color

133.7490, -9.7190, -5.5830

Protanomaly

135.0490, -1.6960, -2.3040

Deuteranomaly

135.4240, 1.7420, 1.4700

Tritanomaly

134.4870, -11.7370, -2.0490

Monochromacy



Original Color

133.7490, -9.7190, -5.5830

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.6790, -3.5300, -2.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.7490, -9.7190, -5.5830 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, 140, 135)` looks like.

```
.text, #text, p{  
    color:rgb(121, 140, 135)  
}
```

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, 140, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 140, 135) }
```

Border

The CSS property to change the border of an element to YIQ 133.7490, -9.7190, -5.5830 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, 140, 135) }
```


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

```
.border{ border-color:rgb(121, 140, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 140, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 140, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 140, 135); box-shadow:4px 4px 4px 4px rgb(121, 140, 135) }
```

Background

The CSS property to change the background color of an element to YIQ 133.7490, -9.7190, -5.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 140, 135) }
```

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

```
.background{ background-color: rgb(121,  
140, 135) }
```

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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