

Converting Colors

YIQ(135.3090, 11.8310,
-10.6730)

Have a look what the booklet for
YIQ(135.3090, 11.8310, -10.6730)
contains.

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Color

**YIQ(135.3090, 11.8310,
-10.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8B68
RGB	140, 139, 104
RGB Percent	55%, 55%, 41%
CMY	0.4510, 0.4549, 0.5921
CMYK	0.00, 0.01, 0.26, 0.45
HSL	58°, 15%, 48%
HSV	58°, 26%, 55%
XYZ	22.5466, 25.0400, 16.7466
YIQ	135.3090, 11.8310, -10.6730

Conversions

Conversions Part 2

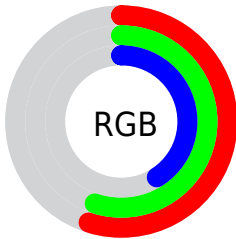
Format	Color
R_{YB}	105, 140, 104
Decimal	9210728
CIE _{Lab}	57.11, -5.63, 18.90
CIE _{LCh}	57, 19.724, 106.589
Yxy	25.0400, 0.3505, 0.3892
Android (android.graphics.Color)	4287400808 (0xFF8C8B68)
YUV	135.3090, -15.4353, 4.1140
Hunter-Lab	50.0400, -7.1429, 15.1857

Details

The YIQ color $135.3090, 11.8310, -10.6730$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $108.6910, -11.8310, 10.6730$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.3800, 13.0690, -11.0830$, and $85.3520, 10.2720, -9.9520$ is the 20% darker color. If you saturate the color by 10%, you get $133.7130, 16.3250, -15.0270$, and if you desaturate by 10%, it is $136.9050, 7.3370, -6.3190$.

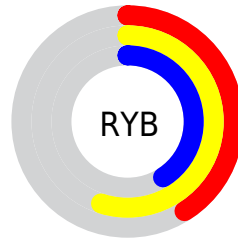
Distribution



Red (55%)

Green (55%)

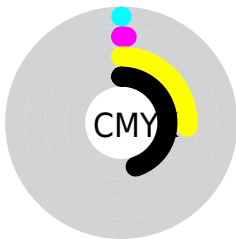
Blue (41%)



Red (41%)

Yellow (55%)

Blue (41%)

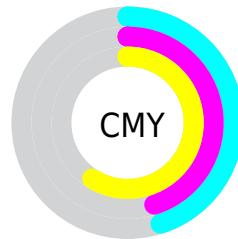


Cyan (0%)

Magenta (1%)

Yellow (26%)

Black (45%)



Cyan (45%)


Magenta (45%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.3090, 11.8310, -10.6730 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 135.3090, 11.8310, -10.6730 by changing the saturation by 10% instead.


 135.3090, 11.8310,
-10.6730


 135.3090, 11.8310,
-10.6730


255.0000, -0.0000,
-0.0000


 110.1240, 10.9140,
-10.5740


 188.3800, 13.0690,
-11.0830


 85.3520, 10.2720,
-9.9520


 216.2660, 13.3900,
-11.3940

 62.4660, 9.9510,
-9.6410

 245.1520, 13.7110,
-11.7050

 40.1670, 9.3550,
-9.8530

 253.0620, 5.4570,
-5.2870

 20.3670, 5.9160,
-8.1000

 0.0000, 0.0000,
0.0000

■ 135.3090, 11.8310,
-10.6730

■ 135.3090, 11.8310,
-10.6730

■ 133.7130, 16.3250,
-15.0270

■ 136.9050, 7.3370,
-6.3190

■ 131.5300, 21.0940,
-18.8580

■ 139.0880, 2.5680,
-2.4880

■ 129.9340, 25.5880,
-23.2120

■ 140.6840, -1.9260,
1.8660

■ 127.7510, 30.3570,
-27.0430

■ 142.8670, -6.6950,
5.6970

■ 126.1550, 34.8510,
-31.3970

■ 144.4630,
-11.1890, 10.0510

■ 124.5590, 39.3450,
-35.7510

■ 146.0590,
-15.6830, 14.4050

■ 122.3760, 44.1140,
-39.5820

■ 148.2420,
-20.4520, 18.2360

■ 121.6920, 46.0400,

■ 149.8380,

-41.4480

-24.9460, 22.5900

■ 151.4340,
-29.4400, 26.9440

Harmonies

Analogous

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



136.8700, 23.6130, -3.9310



135.3090, 11.8310, -10.6730



133.2900, -4.3530, -14.7290

Triad

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



135.3090, 11.8310, -10.6730



130.3790, -37.9160, -6.6840



140.5390, 18.0160, 14.9120

Complementary

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



135.3090, 11.8310, -10.6730



108.6910, -11.8310, 10.6730

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.



139.8130, 2.5650, 14.0930



135.3090, 11.8310, -10.6730



133.8410, -30.1690, 1.5990

Square

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



135.3090, 11.8310, -10.6730



129.5440, -34.2470, -12.6070



137.4950, -14.2150, 9.8250



139.3950, 27.0490, 10.8970

Rectangle

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



135.3090, 11.8310, -10.6730



132.0160, -15.2650, -15.2090



137.4950, -14.2150, 9.8250



140.5000, 13.7520, 15.0960

Sweetspot

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



135.3090, 11.8310, -10.6730



179.4040, 4.4940, -4.3540



114.8780, 21.1350, 7.9430



90.9740, 2.8890, -2.7990



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.



135.3090, 11.8310, -10.6730



174.0290, 18.2510, -16.8930



130.8130, 1.4240, -14.8000



68.2020, 2.2470, -2.1770



115.4900, 43.7930, -39.2710



4.4300, 1.6050, -1.5550

Inverse Universe

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



108.6910, -11.8310, 10.6730



131.9710, -18.2510, 16.8930



113.1870, -1.4240, 14.8000



62.7980, -2.2470, 2.1770



17.5100, -43.7930, 39.2710



0.5700, -1.6050, 1.5550

Previews

White Background



This preview shows how the YIQ color 135.3090, 11.8310, -10.6730 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 135.3090, 11.8310, -10.6730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

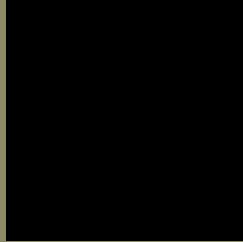
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.3090, 11.8310, -10.6730

Background



This preview shows how black text looks on a background with the YIQ color 135.3090, 11.8310, -10.6730.



This preview shows how white text looks on a background with the YIQ color 135.3090, 11.8310,

-10.6730.

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

135.3090, 11.8310, -10.6730

Protanopia

136.1140, 16.8740, -8.4540

Deuteranopia

137.1200, 25.9050, -1.4150



Tritanopia

138.4290, 3.3460, 5.4420

Trichromacy



Original Color

135.3090, 11.8310, -10.6730

Protanomaly

135.8040, 14.8110, -9.6130

Deuteranomaly

136.3750, 20.6330, -4.9910

Tritanomaly

137.2950, 6.4190, -0.6930

Monochromacy



Original Color

135.3090, 11.8310, -10.6730

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9310, 4.4480, -3.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.3090, 11.8310, -10.6730 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(140, 139, 104)` looks like.

```
.text, #text, p{  
    color:rgb(140, 139, 104)  
}
```

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(140, 139, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 139, 104) }
```

Border

The CSS property to change the border of an element to YIQ 135.3090, 11.8310, -10.6730 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(140, 139, 104) }
```


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

```
.border{ border-color:rgb(140, 139, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 139, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 139, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 139, 104);  
box-shadow:4px 4px 4px 4px rgb(140, 139,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 135.3090, 11.8310, -10.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 139, 104) }
```

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

```
.background{ background-color: rgb(140,  
139, 104) }
```

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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