

Converting Colors

YIQ(135.3250, -2.2930, 3.0110)

Have a look what the booklet for
YIQ(135.3250, -2.2930, 3.0110)
contains.

YIQ(135.3250, -2.2930, 3.0110)	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(135.3250, -2.2930,
3.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	87868F
RGB	135, 134, 143
RGB Percent	53%, 53%, 56%
CMY	0.4706, 0.4745, 0.4392
CMYK	0.06, 0.06, 0.00, 0.44
HSL	247°, 4%, 54%
HSV	247°, 6%, 56%
XYZ	23.4747, 24.1842, 29.4157
YIQ	135.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

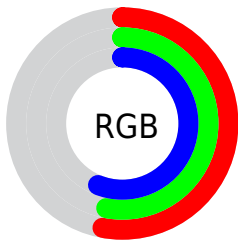
Format	Color
R_{YB}	135, 134, 143
Decimal	8881807
CIE _{Lab}	56.27, 2.19, -4.69
CIE _{LCh}	56, 5.172, 295.058
Y _{xy}	24.1842, 0.3046, 0.3138
Android (android.graphics.Color)	4287071887 (0xFF87868F)
YUV	135.3250, 3.7838, -0.2850
Hunter-Lab	49.1774, -0.8542, -1.0404

Details

The YIQ color $135.3250, -2.2930, 3.0110$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $141.6750, 2.2930, -3.0110$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.4390, -2.6140, 3.3220$, and $85.3250, -2.2930, 3.0110$ is the 20% darker color. If you saturate the color by 10%, you get $123.2200, -6.1910, 7.5770$, and if you desaturate by 10%, it is $147.4300, 1.6050, -1.5550$.

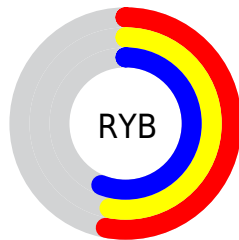
Distribution



Red (53%)

Green (53%)

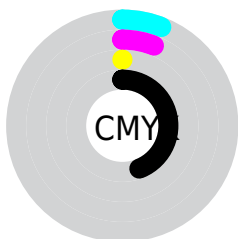
Blue (56%)



Red (53%)

Yellow (53%)

Blue (56%)

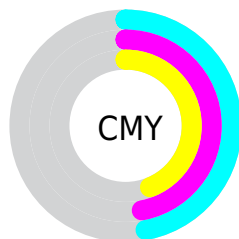


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.3250, -2.2930, 3.0110 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 135.3250, -2.2930, 3.0110 by changing the saturation by 10% instead.

■ 135.3250, -2.2930,
3.0110

■ 135.3250, -2.2930,
3.0110

■ 255.0000, -0.0000,
-0.0000

■ 110.2110, -1.9720,
2.7000

■ 188.4390, -2.6140,
3.3220

■ 85.3250, -2.2930,
3.0110

■ 216.4390, -2.6140,
3.3220

■ 62.2110, -1.9720,
2.7000

■ 244.4390, -2.6140,
3.3220

■ 40.7980, -2.2470,
2.1770

■ 20.0970, -1.6510,
2.3890

■ 0.0000, 0.0000,
0.0000

■ 135.3250, -2.2930,
3.0110

■ 135.3250, -2.2930,
3.0110

■ 123.2200, -6.1910,
7.5770

■ 147.4300, 1.6050,
-1.5550

■ 110.8270, -9.2180,
12.8780

■ 159.8230, 4.6320,
-6.8560

■ 98.7220, -13.1160,
17.4440

■ 171.9280, 8.5300,
-11.4220

■ 86.6170, -17.0140,
22.0100

■ 184.0330, 12.4280,
-15.9880

■ 74.5120, -20.9120,
26.5760

■ 196.7250, 16.0510,
-21.0770

■ 62.1190, -23.9390,
31.8770

■ 208.5310, 19.3530,
-25.8550

■ 50.0140, -27.8370,
36.4430

■ 220.6360, 23.2510,
-30.4210

■ 37.9090, -31.7350,

■ 232.7410, 27.1490,

41.0090

-34.9870

■ 25.5160, -34.7620,
46.3100

■ 240.4380, 32.3760,
-36.1040

Harmonies

Analogous

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



134.5310, -5.8690, 1.7390



135.3250, -2.2930, 3.0110



135.8910, 1.9250, 3.6610

Triad

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



135.3250, -2.2930, 3.0110



135.4200, 7.5650, 0.5650



133.9560, -5.8680, -3.7880

Complementary

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



135.3250, -2.2930, 3.0110



141.6750, 2.2930, -3.0110

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.



133.8100, -2.5210, -3.8730



135.3250, -2.2930, 3.0110



134.8820, 6.1440, -1.2160

Square

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



135.3250, -2.2930, 3.0110



135.7730, 8.0690, 2.4450



134.6750, 2.2930, -3.0110



133.9280, -8.6650, -2.6570

Rectangle

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



135.3250, -2.2930, 3.0110



135.8590, 4.9510, 3.8870



134.6750, 2.2930, -3.0110



133.4400, -4.3550, -3.6750

Sweetspot

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



135.3250, -2.2930, 3.0110



182.7550, -0.6880, 1.4560



139.7220, -5.0890, -1.3850



92.5270, -0.0460, 0.8340



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



135.3250, -2.2930, 3.0110



173.3080, -3.6230, 5.0890



136.5210, 0.0910, 3.8590



65.0970, -1.6510, 2.3890



19.8750, -34.3950, 45.1650



1.2110, -1.9720, 2.7000

Inverse Universe

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



137.6030, 2.7960, 4.3960



176.9670, 4.7670, 7.2230



140.4790, -0.0910, -3.8590



66.8910, 1.9250, 3.6610



54.0450, 41.9400, 65.9400



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 135.3250, -2.2930, 3.0110 looks on a white background.

Color Contrast Check

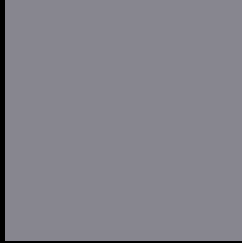
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.3250, -2.2930, 3.0110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

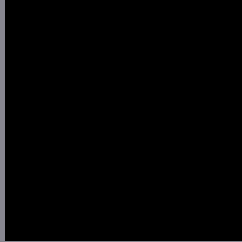
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

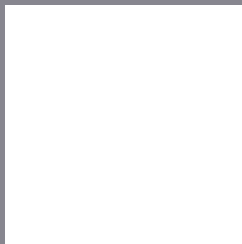
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.3250, -2.2930, 3.0110

Background



This preview shows how black text looks on a background with the YIQ color 135.3250, -2.2930, 3.0110.



This preview shows how white text looks on a background with the YIQ color 135.3250, -2.2930,

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

135.3250, -2.2930, 3.0110

Protanopia

135.3250, -2.2930, 3.0110

Deuteranopia

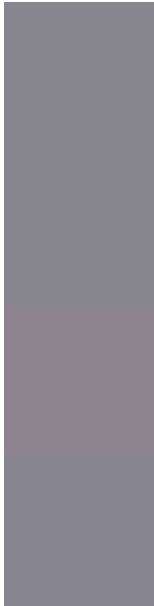
136.3690, 3.5750, 6.7990



Tritanopia

135.4390, -2.6140, 3.3220

Trichromacy



Original Color

135.3250, -2.2930, 3.0110

Protanomaly

135.3250, -2.2930, 3.0110

Deuteranomaly

136.0590, 1.5120, 5.6400

Tritanomaly

135.4390, -2.6140, 3.3220

Monochromacy



Original Color

135.3250, -2.2930, 3.0110

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.3420, -0.9630, 0.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.3250, -2.2930, 3.0110 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(135, 134, 143)` looks like.

```
.text, #text, p{  
    color:rgb(135, 134, 143)  
}
```

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(135, 134, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 134, 143) }
```

Border

The CSS property to change the border of an element to YIQ 135.3250, -2.2930, 3.0110 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(135, 134, 143) }
```


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

```
.border{ border-color:rgb(135, 134, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 134, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 134, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 134, 143);  
box-shadow:4px 4px 4px 4px rgb(135, 134,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 135.3250, -2.2930, 3.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 134, 143) }
```

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

```
.background{ background-color: rgb(135,  
134, 143) }
```

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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