

Converting Colors

YIQ(133.6530, 7.3860, -23.7340)

Have a look what the booklet for
YIQ(133.6530, 7.3860, -23.7340)
contains.

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Color

**YIQ(133.6530, 7.3860,
-23.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9355
RGB	126, 147, 85
RGB Percent	49%, 58%, 33%
CMY	0.5060, 0.4235, 0.6666
CMYK	0.14, 0.00, 0.42, 0.42
HSL	80°, 27%, 45%
HSV	80°, 42%, 58%
XYZ	20.6764, 25.9602, 12.5195
YIQ	133.6530, 7.3860, -23.7340

Conversions

Conversions Part 2

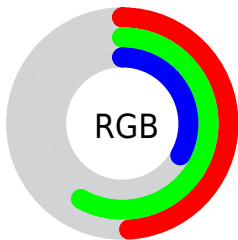
Format	Color
RYB	85, 147, 106
Decimal	8295253
CIELab	58.00, -18.25, 30.33
CIELCh	58, 35.399, 121.037
Yxy	25.9602, 0.3495, 0.4388
Android (android.graphics.Color)	4286485333 (0xFF7E9355)
YUV	133.6530, -23.9859, -6.7117
Hunter-Lab	50.9512, -16.7278, 21.0973

Details

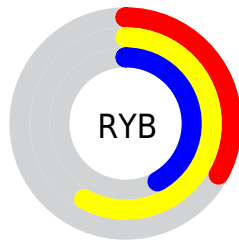
The YIQ color $133.6530, 7.3860, -23.7340$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $98.3470, -7.3860, 23.7340$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $187.3110, 8.3490, -24.6670$, and $83.4080, 6.6980, -22.2780$ is the 20% darker color. If you saturate the color by 10%, you get $130.4480, 9.2210, -29.4590$, and if you desaturate by 10%, it is $136.8580, 5.5510, -18.0090$.

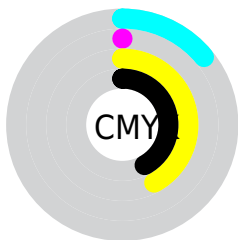
Distribution



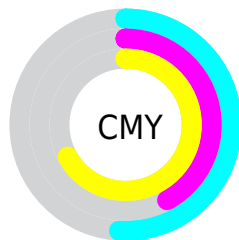
- Red (49%)
- Green (58%)
- Blue (33%)



- Red (33%)
- Yellow (58%)
- Blue (42%)



- Cyan (14%)
- Magenta (0%)
- Yellow (42%)
- Black (42%)



- Cyan (51%)
- Magenta (42%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 133.6530, 7.3860, -23.7340 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 133.6530, 7.3860, -23.7340 by changing the saturation by 10% instead.


 133.6530, 7.3860,
-23.7340

 133.6530, 7.3860,
-23.7340


 255.0000, -0.0000,
-0.0000

 107.8810, 6.7440,
-23.1120


 187.3110, 8.3490,
-24.6670


 83.4080, 6.6980,
-22.2780


 214.7840, 8.3950,
-25.5010

 59.9950, 6.4230,
-22.8010

 241.9090, 9.5410,
-24.2430

 38.3200, 4.1300,
-19.7900

 250.6680, 12.1980,
-11.8180

 17.6100, -8.2500,
-15.6900

 253.9740, 2.8890,
-2.7990

 0.0000, 0.0000,
0.0000

■ 133.6530, 7.3860,
-23.7340

■ 133.6530, 7.3860,
-23.7340

■ 130.4480, 9.2210,
-29.4590

■ 136.8580, 5.5510,
-18.0090

■ 127.3570, 10.7350,
-34.8730

■ 139.9490, 4.0370,
-12.5950

■ 124.1520, 12.5700,
-40.5980

■ 143.1540, 2.2020,
-6.8700

■ 120.9470, 14.4050,
-46.3230

■ 146.3590, 0.3670,
-1.1450

■ 117.8560, 15.9190,
-51.7370

■ 149.5640, -1.4680,
4.5800

■ 115.2920, 17.3870,
-56.3170

■ 152.6550, -2.9820,
9.9940

■ 155.8600, -4.8170,
15.7190

■ 159.0650, -6.6520,

21.4440

■ 162.1560, -8.1660,
26.8580

Harmonies

Analogous

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



137.0260, 31.5010, -14.7310



133.6530, 7.3860, -23.7340



128.4350, -24.2950, -27.7750

Triad

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



133.6530, 7.3860, -23.7340



116.6300, -90.0910, -13.7630



142.2540, 41.1680, 24.8480

Complementary

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



133.6530, 7.3860, -23.7340



98.3470, -7.3860, 23.7340

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.



143.3410, 19.1140, 28.0580



133.6530, 7.3860, -23.7340



134.3740, -47.5470, 8.1730

Square

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



133.6530, 7.3860, -23.7340



110.3650, -97.1950, -28.1950



141.8410, -11.8330, 21.7270



140.8940, 50.5690, 14.1610

Rectangle

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



133.6530, 7.3860, -23.7340



123.0330, -49.4660, -28.6500



141.8410, -11.8330, 21.7270



142.8990, 34.9780, 26.8980

Sweetspot

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



133.6530, 7.3860, -23.7340



185.7580, 3.2570, -9.4710



115.8650, 31.1770, 2.1610



93.6810, 2.1560, -6.0360



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



133.6530, 7.3860, -23.7340



170.0750, 11.4690, -37.1630



124.3840, -11.0900, -30.3060



72.3050, 0.4590, -2.8130



108.2150, 16.2860, -52.8820



7.9630, 1.4220, -3.7460

Inverse Universe

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



98.3470, -7.3860, 23.7340



114.9250, -11.4690, 37.1630



107.6160, 11.0900, 30.3060



68.3960, -1.0550, 2.6010



29.7850, -16.2860, 52.8820



2.0370, -1.4220, 3.7460

Previews

White Background



This preview shows how the YIQ color 133.6530, 7.3860, -23.7340 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 133.6530, 7.3860, -23.7340 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 133.6530, 7.3860, -23.7340

Background



This preview shows how black text looks on a background with the YIQ color 133.6530, 7.3860, -23.7340.



This preview shows how white text looks on a background with the YIQ color 133.6530, 7.3860,

-23.7340.

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

133.6530, 7.3860, -23.7340

Protanopia

136.3890, 26.0450, -14.9710

Deuteranopia

138.3350, 35.3050, -6.5750



Tritanopia

139.0580, -5.9150, 2.5730

Trichromacy



Original Color

133.6530, 7.3860, -23.7340

Protanomaly

135.5730, 19.5350, -18.1370

Deuteranomaly

136.6710, 25.3110, -12.6810

Tritanomaly

137.1860, -0.8240, -7.0960

Monochromacy



Original Color

133.6530, 7.3860, -23.7340

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9860, 2.6150, -8.8490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.6530, 7.3860, -23.7340 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(126, 147, 85)` looks like.

```
.text, #text, p{  
    color:rgb(126, 147, 85)  
}
```

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(126, 147, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 147, 85) }
```

Border

The CSS property to change the border of an element to YIQ 133.6530, 7.3860, -23.7340 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(126, 147, 85) }
```


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

```
.border{ border-color:rgb(126, 147, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 147, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 147, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 147, 85);  
box-shadow:4px 4px 4px 4px rgb(126, 147,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 133.6530, 7.3860, -23.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 147, 85) }
```

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

```
.background{ background-color: rgb(126,  
147, 85) }
```

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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