

Converting Colors

YIQ(133.1650, -41.0300,
-27.3500)

Have a look what the booklet for
YIQ(133.1650, -41.0300, -27.3500)
contains.

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Color

**YIQ(133.1650, -41.0300,
-27.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	4DA284
RGB	77, 162, 132
RGB Percent	30%, 64%, 52%
CMY	0.6983, 0.3646, 0.4825
CMYK	0.53, 0.00, 0.19, 0.36
HSL	159°, 36%, 47%
HSV	159°, 53%, 64%
XYZ	20.1451, 29.0936, 26.3709
YIQ	133.1650, -41.0300, -27.3500

Conversions

Conversions Part 2

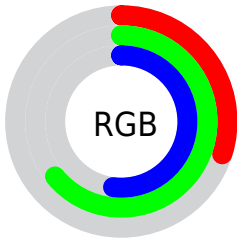
Format	Color
RYB	77, 129, 162
Decimal	5087876
CIELab	60.86, -33.20, 7.86
CIELCh	61, 34.116, 166.684
Yxy	29.0936, 0.2664, 0.3848
Android (android.graphics.Color)	4283277956 (0xFF4DA284)
YUV	133.1650, -0.5743, -49.2567
Hunter-Lab	53.9385, -27.7259, 8.7697

Details

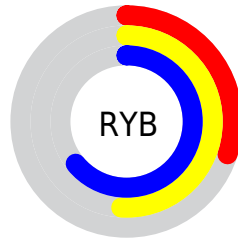
The YIQ color **133.1650, -41.0300, -27.3500** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **105.8350, 41.0300, 27.3500**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9370, -40.3880, -27.9720**, and **77.6200, -49.7410, -29.1730** is the 20% darker color. If you saturate the color by 10%, you get **127.6970, -48.6400, -32.6080**, and if you desaturate by 10%, it is **138.6330, -33.4200, -22.0920**.

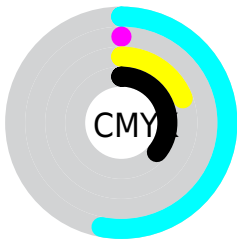
Distribution



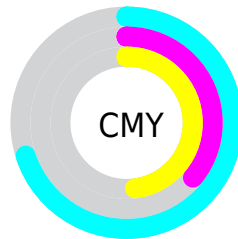
- Red (30%)
- Green (64%)
- Blue (52%)



- Red (30%)
- Yellow (51%)
- Blue (64%)



- Cyan (53%)
- Magenta (0%)
- Yellow (19%)
- Black (36%)



- Cyan (70%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.1650, -41.0300, -27.3500 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 133.1650, -41.0300, -27.3500 by changing the saturation by 10% instead.

■ 133.1650,
-41.0300, -27.3500

■ 133.1650,
-41.0300, -27.3500

■ 255.0000, -0.0000,
-0.0000

■ 105.7950,
-42.8640, -27.1520

■ 187.9370,
-40.3880, -27.9720

■ 77.6200, -49.7410,
-29.1730

■ 216.5240,
-40.6630, -28.4950

■ 56.6210, -42.3140,
-26.1060

■ 233.3710,
-35.4380, -18.5580

■ 40.1390, -28.9730,
-20.0850

■ 243.6380,
-22.6480, -8.0560

■ 24.8310, -16.1820,
-15.1100

■ 252.3090, -5.3640,
-1.9080

■ 3.5220, -1.6500,
-3.1380

■ 0.0000, 0.0000,

0.0000

■ 133.1650,
-41.0300, -27.3500

■ 133.1650,
-41.0300, -27.3500

■ 127.6970,
-48.6400, -32.6080

■ 138.6330,
-33.4200, -22.0920

■ 122.3430,
-56.5710, -37.5550

■ 143.9870,
-25.4890, -17.1450

■ 116.5760,
-64.7770, -43.0250

■ 149.7540,
-17.2830, -11.6750

■ 111.1080,
-72.3870, -48.2830

■ 155.2220, -9.6730,
-6.4170

■ 107.0640,
-78.2550, -52.0710

■ 160.6900, -2.0630,
-1.1590

■ 166.0440, 5.8680,
3.7880

■ 171.5120, 13.4780,
9.0460

■ 177.2790, 21.6840,
14.5160

■ 182.7470, 29.2940,
19.7740

Harmonies

Analogous

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



139.2860, -7.6980, -25.6980



133.1650, -41.0300, -27.3500



123.5320, -78.6720, -27.9840

Triad

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



133.1650, -41.0300, -27.3500



146.6540, -27.6040, 15.6920



147.3680, 48.8740, 6.3300

Complementary

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



133.1650, -41.0300, -27.3500



105.8350, 41.0300, 27.3500

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.



149.3160, 46.6250, 19.5610



133.1650, -41.0300, -27.3500



150.6320, 4.9930, 25.1610

Square

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



133.1650, -41.0300, -27.3500



137.3890, -61.0710, -0.0390



150.7460, 31.0350, 26.7710



145.4340, 39.3400, -8.1160

Rectangle

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



133.1650, -41.0300, -27.3500



117.9350, -98.8000, -26.6400



150.7460, 31.0350, 26.7710



148.0140, 50.1110, 11.4470

Sweetspot

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



133.1650, -41.0300, -27.3500



200.4660, -16.4120, -10.9400



136.1640, -4.8990, -37.8830



100.2220, -9.6730, -6.4170



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



133.1650, -41.0300, -27.3500



166.5760, -64.7770, -43.0250



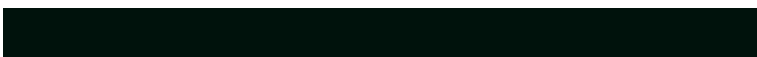
130.1280, -47.6350, -12.2670



78.9670, -4.4010, -2.8410



95.8310, -70.0490, -46.6010



11.9340, -8.8020, -5.6820

Inverse Universe

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



105.8350, 41.0300, 27.3500



123.4240, 64.7770, 43.0250



108.8720, 47.6350, 12.2670



76.0330, 4.4010, 2.8410



49.1690, 70.0490, 46.6010



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 133.1650, -41.0300, -27.3500 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 133.1650, -41.0300, -27.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

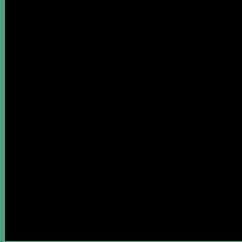
Any Text WCAG AA ✓ Pass

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 133.1650, -41.0300, -27.3500 Background



This preview shows how black text looks on a background with the YIQ color 133.1650, -41.0300, -27.3500.



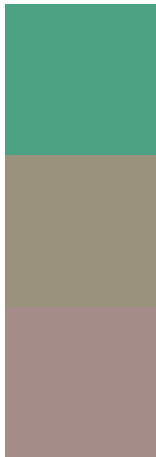
This preview shows how white text looks on a background with the YIQ color 133.1650, -41.0300, -27.3500.

-27.3500.

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

133.1650, -41.0300, -27.3500

Protanopia

145.8840, 11.8300, -5.1460

Deuteranopia

147.4210, 14.9920, 3.6320



Tritanopia

137.8510, -45.2970, -10.5850

Trichromacy



Original Color

133.1650, -41.0300, -27.3500

Protanomaly

141.3760, -7.4710, -13.2870

Deuteranomaly

142.3210, -5.6380, -7.9580

Tritanomaly

136.2330, -43.7370, -16.8330

Monochromacy



Original Color

133.1650, -41.0300, -27.3500

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.4770, -14.9450, -9.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.1650, -41.0300, -27.3500 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(77, 162, 132)` looks like.

```
.text, #text, p{  
    color:rgb(77, 162, 132)  
}
```

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(77, 162, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 162, 132) }
```

Border

The CSS property to change the border of an element to YIQ 133.1650, -41.0300, -27.3500 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(77, 162, 132) }
```


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

```
.border{ border-color:rgb(77, 162, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 162, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 162, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 162, 132);  
box-shadow:4px 4px 4px 4px rgb(77, 162,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 133.1650, -41.0300, -27.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 162, 132) }
```

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

```
.background{ background-color: rgb(77, 162,  
132) }
```

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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