

Converting Colors

YIQ(141.7960, -53.7730,
-44.2130)

Have a look what the booklet for
YIQ(141.7960, -53.7730, -44.2130)
contains.

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Color

**YIQ(141.7960, -53.7730,
-44.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	3FB97E
RGB	63, 185, 126
RGB Percent	25%, 73%, 49%
CMY	0.7533, 0.2743, 0.5060
CMYK	0.66, 0.00, 0.32, 0.27
HSL	151°, 49%, 49%
HSV	151°, 66%, 73%
XYZ	23.1674, 37.2786, 25.6986
YIQ	141.7960, -53.7730, -44.2130

Conversions

Conversions Part 2

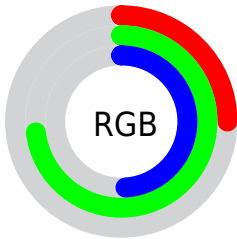
Format	Color
RYB	63, 143, 185
Decimal	4176254
CIELab	67.49, -47.52, 20.34
CIELCh	67, 51.691, 156.825
Yxy	37.2786, 0.2689, 0.4327
Android (android.graphics.Color)	4282366334 (0xFF3FB97E)
YUV	141.7960, -7.7874, -69.1041
Hunter-Lab	61.0562, -39.1177, 17.7841

Details

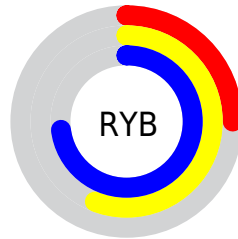
The YIQ color **141.7960, -53.7730, -44.2130** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **106.2040, 53.7730, 44.2130**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.5360, -50.1050, -44.6090**, and **85.6750, -60.7420, -44.5660** is the 20% darker color. If you saturate the color by 10%, you get **135.0890, -62.2080, -51.0400**, and if you desaturate by 10%, it is **148.2040, -45.9340, -37.5980**.

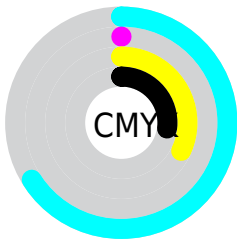
Distribution



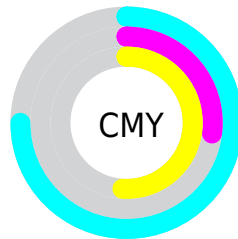
- Red (25%)
- Green (73%)
- Blue (49%)



- Red (25%)
- Yellow (56%)
- Blue (73%)



- Cyan (66%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)





- Cyan (75%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 141.7960, -53.7730, -44.2130 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 141.7960, -53.7730, -44.2130 by changing the saturation by 10% instead.


 141.7960,
-53.7730, -44.2130


 141.7960,
-53.7730, -44.2130


 255.0000, -0.0000,
-0.0000


 111.1370,
-62.1630, -46.3470


 199.5360,
-50.1050, -44.6090


 85.6750, -60.7420,
-44.5660


 219.0300,
-45.3840, -36.5520

 67.6770, -45.8880,
-38.4320


 230.8930,
-37.0880, -21.6960

 50.4940, -31.9510,
-32.1990

 241.8440,
-26.2240, -9.3280

 33.3110, -18.0140,
-25.9660

 250.8140, -8.3440,
-2.9680

 19.3710, -9.0750,
-17.2590

 0.0000, 0.0000,

0.0000

■ 141.7960,
-53.7730, -44.2130

■ 141.7960,
-53.7730, -44.2130

■ 135.0890,
-62.2080, -51.0400

■ 148.2040,
-45.9340, -37.5980

■ 128.6810,
-70.0470, -57.6550

■ 154.9110,
-37.4990, -30.7710

■ 121.9740,
-78.4820, -64.4820

■ 161.3190,
-29.6600, -24.1560

■ 119.5390,
-81.6910, -66.8990

■ 168.0260,
-21.2250, -17.3290

■ 174.4340,
-13.3860, -10.7140

■ 181.1410, -4.9510,
-3.8870

■ 187.5490, 2.8880,
2.7280

■ 194.2560, 11.3230,
9.5550

■ 200.6640, 19.1620,
16.1700

Harmonies

Analogous

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



153.8720, 1.7950, -38.0530



141.7960, -53.7730, -44.2130



130.1920, -107.5540, -44.2100

Triad

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



141.7960, -53.7730, -44.2130



156.7110, -67.3090, 13.8990



163.6920, 74.6850, 17.6370

Complementary

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



141.7960, -53.7730, -44.2130



106.2040, 53.7730, 44.2130

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.



165.5070, 65.7410, 36.5650



141.7960, -53.7730, -44.2130



168.5400, -8.9470, 35.5090

Square

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



141.7960, -53.7730, -44.2130



133.4590, -129.1540, -16.1780



168.6950, 36.2130, 43.0690



162.4340, 65.7030, -6.8170

Rectangle

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



141.7960, -53.7730, -44.2130



133.1390, -117.2300, -34.0460



168.6950, 36.2130, 43.0690



164.1360, 73.6750, 24.9310

Sweetspot

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



141.7960, -53.7730, -44.2130



223.0260, -21.2250, -17.3290



152.8530, 2.8060, -50.8740



109.7330, -12.7900, -10.5020



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



141.7960, -53.7730, -44.2130



172.7020, -83.7080, -68.8920



148.5220, -72.7120, -25.8640



88.7390, -3.7590, -3.4630



100.6920, -68.5800, -56.7080



18.0320, -12.1940, -10.2900

Inverse Universe

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



106.2040, 53.7730, 44.2130



117.2980, 83.7080, 68.8920



99.4780, 72.7120, 25.8640



86.1470, 4.0800, 3.1520



55.1940, 68.9010, 56.3970



9.9680, 12.1940, 10.2900

Previews

White Background



This preview shows how the YIQ color 141.7960, -53.7730, -44.2130 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 141.7960, -53.7730, -44.2130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

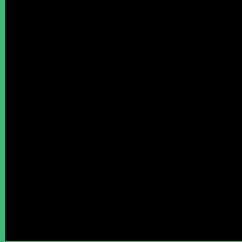
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 141.7960, -53.7730, -44.2130 Background



This preview shows how black text looks on a background with the YIQ color 141.7960, -53.7730, -44.2130.

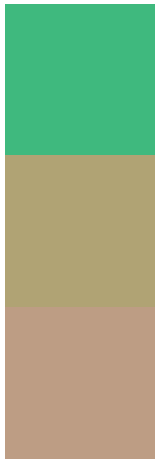


This preview shows how white text looks on a background with the YIQ color 141.7960, -53.7730, -44.2130.

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

141.7960, -53.7730, -44.2130

Protanopia

161.5290, 22.8350, -11.8610

Deuteranopia

163.7180, 27.0970, -0.9910



Tritanopia

151.6860, -58.1340, -14.7260

Trichromacy



Original Color

141.7960, -53.7730, -44.2130



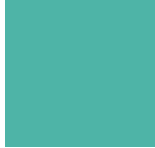
Protanomaly

154.4220, -5.0850, -23.4930



Deuteranomaly

155.6060, -2.4270, -16.5950



Tritanomaly

148.0200, -56.6190, -25.6670

Monochromacy



Original Color

141.7960, -53.7730, -44.2130



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

142.0370, -19.7580, -16.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.7960, -53.7730, -44.2130 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(63, 185, 126)` looks like.

```
.text, #text, p{  
    color:rgb(63, 185, 126)  
}
```

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(63, 185, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 185, 126) }
```

Border

The CSS property to change the border of an element to YIQ 141.7960, -53.7730, -44.2130 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(63, 185, 126) }
```


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

```
.border{ border-color:rgb(63, 185, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 185, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 185, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 185, 126);  
box-shadow:4px 4px 4px 4px rgb(63, 185,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 141.7960, -53.7730, -44.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 185, 126) }
```

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

```
.background{ background-color: rgb(63, 185,  
126) }
```

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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