

Converting Colors

YIQ(138.5510, -53.3200,
-13.8640)

Have a look what the booklet for
YIQ(138.5510, -53.3200, -13.8640)
contains.

YIQ(138.5510, -53.3200, -13.8640)	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(138.5510, -53.3200,
-13.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	4FA2AE
RGB	79, 162, 174
RGB Percent	31%, 64%, 68%
CMY	0.6904, 0.3646, 0.3179
CMYK	0.55, 0.07, 0.00, 0.32
HSL	188°, 38%, 50%
HSV	188°, 55%, 68%
XYZ	23.7814, 30.5670, 44.6622
YIQ	138.5510, -53.3200, -13.8640

Conversions

Conversions Part 2

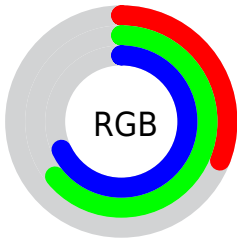
Format	Color
RYB	79, 123, 174
Decimal	5218990
CIELab	62.14, -21.74, -13.88
CIELCh	62, 25.795, 212.545
Yxy	30.5670, 0.2402, 0.3087
Android (android.graphics.Color)	4283409070 (0xFF4FA2AE)
YUV	138.5510, 17.4764, -52.2262
Hunter-Lab	55.2874, -19.9727, -9.1944

Details

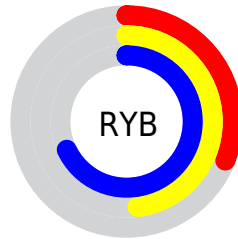
The YIQ color **138.5510, -53.3200, -13.8640** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **114.4490, 53.3200, 13.8640**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.1490, -52.1280, -13.4400**, and **79.3750, -67.6240, -18.9520** is the 20% darker color. If you saturate the color by 10%, you get **132.2940, -62.9020, -16.4220**, and if you desaturate by 10%, it is **144.8080, -43.7380, -11.3060**.

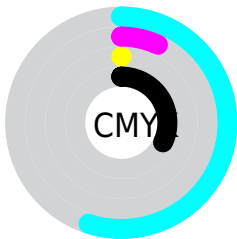
Distribution



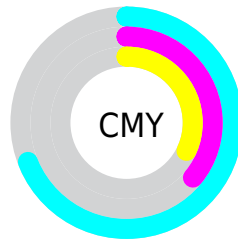
- Red (31%)
- Green (64%)
- Blue (68%)



- Red (31%)
- Yellow (48%)
- Blue (68%)



- Cyan (55%)
- Magenta (7%)
- Yellow (0%)
- Black (32%)



- Cyan (69%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.5510, -53.3200, -13.8640 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 138.5510, -53.3200, -13.8640 by changing the saturation by 10% instead.

■ 138.5510,
-53.3200, -13.8640

■ 138.5510,
-53.3200, -13.8640

■ 255.0000, -0.0000,
-0.0000

■ 111.2410,
-55.3830, -15.0230

■ 194.1490,
-52.1280, -13.4400

■ 79.3750, -67.6240,
-18.9520

■ 222.5080,
-51.7610, -14.5850

■ 61.5400, -54.7870,
-14.8110

■ 236.4620,
-36.9520, -13.1440

■ 44.7160, -40.4830,
-9.7230

■ 245.1330,
-19.6680, -6.9960

■ 29.1800, -27.0500,
-5.3700

■ 254.1030, -1.7880,
-0.6360

■ 12.2250, -13.7550,
1.4850

■ 0.1140, -0.3210,

0.3110

■ 0.0000, 0.0000,
0.0000

■ 138.5510,
-53.3200, -13.8640

■ 138.5510,
-53.3200, -13.8640

■ 132.2940,
-62.9020, -16.4220

■ 144.8080,
-43.7380, -11.3060

■ 125.7380,
-73.0800, -19.1920

■ 151.3640,
-33.5600, -8.5360

■ 118.8940,
-82.3870, -21.2270

■ 158.2080,
-24.2530, -6.5010

■ 112.3380,
-92.5650, -23.9970

■ 164.7640,
-14.0750, -3.7310

■ 109.0600,
-97.6540, -25.3820

■ 171.0210, -4.4930,
-1.1730

■ 177.2780, 5.0890,
1.3850

■ 183.8340, 15.2670,
4.1550

■ 190.0910, 24.8490,
6.7130

■ 197.2340, 34.7520,
8.9600

Harmonies

Analogous

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



139.8050, -39.6560, -19.2080



138.5510, -53.3200, -13.8640



142.2130, -49.0120, -3.8280

Triad

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



138.5510, -53.3200, -13.8640



154.1460, 14.9890, 20.2130



148.6540, 23.9810, -10.6030

Complementary

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



138.5510, -53.3200, -13.8640



114.4490, 53.3200, 13.8640

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.



150.9100, 35.3040, -1.0480



138.5510, -53.3200, -13.8640



153.3620, 31.8160, 18.1200

Square

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



138.5510, -53.3200, -13.8640



152.7180, -7.2930, 16.5390



152.0280, 38.3280, 10.2320



146.0860, 4.9090, -17.3870

Rectangle

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



138.5510, -53.3200, -13.8640



146.4150, -37.5970, 4.0590



152.0280, 38.3280, 10.2320



149.6870, 28.3820, -7.7620

Sweetspot

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



138.5510, -53.3200, -13.8640



213.3010, -20.0810, -5.0170



136.0190, -29.6560, -46.2640



106.6610, -12.2870, -3.0950



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



138.5510, -53.3200, -13.8640



170.9970, -84.1750, -21.8630



110.9620, -40.3950, 10.7170



83.7220, -5.0890, -1.3850



94.5840, -84.4500, -22.3860



14.3620, -12.8830, -3.3070

Inverse Universe

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



116.8670, 29.9770, 45.9530



136.7840, 47.3490, 72.5410



142.0380, 40.3950, -10.7170



81.6030, 2.7960, 4.3960



59.8980, 47.0280, 72.8520



9.1570, 7.2880, 11.0960

Previews

White Background



This preview shows how the YIQ color 138.5510, -53.3200, -13.8640 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 138.5510, -53.3200, -13.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

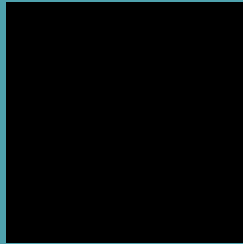
Any Text WCAG AA ✓ Pass

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 138.5510, -53.3200, -13.8640 Background



This preview shows how black text looks on a background with the YIQ color 138.5510, -53.3200, -13.8640.



This preview shows how white text looks on a background with the YIQ color 138.5510, -53.3200, -13.8640.

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

138.5510, -53.3200, -13.8640

Protanopia

149.6390, -6.0530, 5.0750

Deuteranopia

150.7300, -7.5670, 10.4890



Tritanopia

138.6650, -53.6410, -13.5530

Trichromacy



Original Color

138.5510, -53.3200, -13.8640

Protanomaly

145.4410, -23.2910, -1.9070

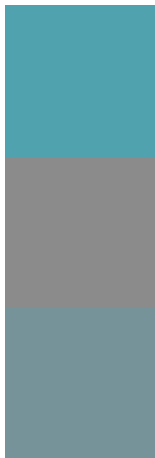
Deuteranomaly

146.3640, -24.3920, 1.5280

Tritanomaly

138.6650, -53.6410, -13.5530

Monochromacy



Original Color

138.5510, -53.3200, -13.8640

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.6000, -19.4850, -4.8050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.5510, -53.3200, -13.8640 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(79, 162, 174)` looks like.

```
.text, #text, p{  
    color:rgb(79, 162, 174)  
}
```

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(79, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 162, 174) }
```

Border

The CSS property to change the border of an element to YIQ 138.5510, -53.3200, -13.8640 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(79, 162, 174) }
```


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

```
.border{ border-color:rgb(79, 162, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 162, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(79, 162,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 138.5510, -53.3200, -13.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 162, 174) }
```

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

```
.background{ background-color: rgb(79, 162,  
174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor