

Converting Colors

YIQ(118.5560, -79.2200,
-40.0840)

Have a look what the booklet for
YIQ(118.5560, -79.2200, -40.0840)
contains.

YIQ(118.5560, -79.2200, -40.0840)	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(118.5560, -79.2200,
-40.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	12A68A
RGB	18, 166, 138
RGB Percent	7%, 65%, 54%
CMY	0.9297, 0.3488, 0.4591
CMYK	0.89, 0.00, 0.17, 0.35
HSL	169°, 81%, 36%
HSV	169°, 89%, 65%
XYZ	18.4773, 29.2555, 28.6895
YIQ	118.5560, -79.2200, -40.0840

Conversions

Conversions Part 2

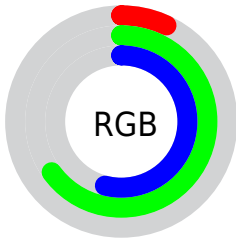
Format	Color
R_{YB}	18, 100, 166
Decimal	1222282
CIE _{Lab}	61.01, -42.28, 4.55
CIE _{LCh}	61, 42.521, 173.856
Yxy	29.2555, 0.2418, 0.3828
Android (android.graphics.Color)	4279412362 (0xFF12A68A)
YUV	118.5560, 9.5859, -88.1876
Hunter-Lab	54.0884, -33.6769, 6.4134

Details

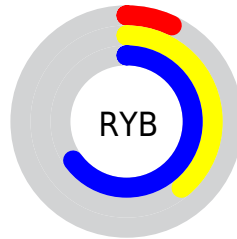
The YIQ color **118.5560, -79.2200, -40.0840** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **65.4440, 79.2200, 40.0840**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7920, -65.1450, -36.3530**, and **76.3630, -59.3230, -31.7310** is the 20% darker color. If you saturate the color by 10%, you get **113.1310, -88.3890, -44.6210**, and if you desaturate by 10%, it is **123.9810, -70.0510, -35.5470**.

Distribution



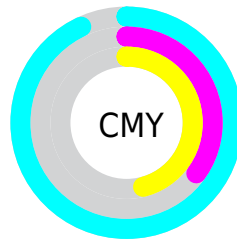
- Red (7%)
- Green (65%)
- Blue (54%)



- Red (7%)
- Yellow (39%)
- Blue (65%)



- Cyan (89%)
- Magenta (0%)
- Yellow (17%)
- Black (35%)





- Cyan (93%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.5560, -79.2200, -40.0840 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 118.5560, -79.2200, -40.0840 by changing the saturation by 10% instead.


 118.5560,
-79.2200, -40.0840

 118.5560,
-79.2200, -40.0840


 255.0000, -0.0000,
-0.0000


 94.4750, -74.4980,
-37.5540


 180.7920,
-65.1450, -36.3530


 76.3630, -59.3230,
-31.7310


 209.9770,
-64.2280, -36.4520

 59.0660, -45.0650,
-25.8090


 224.6010,
-56.7570, -23.1650

 41.8830, -31.1280,
-19.5760

 234.3690,
-41.1240, -14.6280

 27.1620, -18.6120,
-15.1240

 243.3390,
-23.2440, -8.2680

 4.1090, -1.9250,
-3.6610

 252.3090, -5.3640,

 0.0000, 0.0000,

-1.9080

0.0000

■ 118.5560,
-79.2200, -40.0840

■ 118.5560,
-79.2200, -40.0840

■ 113.1310,
-88.3890, -44.6210

■ 123.9810,
-70.0510, -35.5470

■ 112.8320,
-88.9850, -44.8330

■ 129.1070,
-61.4780, -31.2220

■ 134.5320,
-52.3090, -26.6850

■ 139.7720,
-44.0570, -22.0490

■ 145.1970,
-34.8880, -17.5120

■ 150.6220,
-25.7190, -12.9750

■ 155.7480,
-17.1460, -8.6500

■ 161.1730, -7.9770,
-4.1130

■ 166.2990, 0.5960,
0.2120

Harmonies

Analogous

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



135.0130, -20.3510, -33.1750



118.5560, -79.2200, -40.0840



117.5060, -102.1460, -32.0820

Triad

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



118.5560, -79.2200, -40.0840



148.0660, -25.5880, 23.2120



146.7510, 57.8610, 3.1490

Complementary

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



118.5560, -79.2200, -40.0840



65.4440, 79.2200, 40.0840

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.



148.0140, 59.2790, 21.5110



118.5560, -79.2200, -40.0840



151.7630, 15.1700, 33.4580

Square

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



118.5560, -79.2200, -40.0840



134.2550, -75.1930, 2.5910



150.2640, 44.3760, 32.7920



144.3710, 43.6510, -14.6610

Rectangle

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



118.5560, -79.2200, -40.0840



118.8400, -108.6580, -24.1940



150.2640, 44.3760, 32.7920



147.5220, 60.2440, 9.5240

Sweetspot

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



118.5560, -79.2200, -40.0840



198.1050, -31.6330, -15.9290



113.8460, -22.8200, -71.0440



98.7370, -18.6130, -9.5970



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



118.5560, -79.2200, -40.0840



147.4430, -116.1710, -58.7550



95.9200, -76.1080, -8.3640



81.4940, -4.4470, -2.0070



100.5560, -79.2200, -40.0840



13.6780, -10.9570, -5.1730

Inverse Universe

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



65.4440, 79.2200, 40.0840



69.5570, 116.1710, 58.7550



88.0800, 76.1080, 8.3640



78.5060, 4.4470, 2.0070



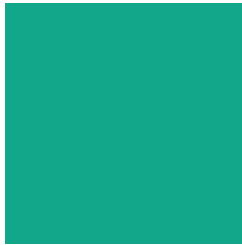
47.4440, 79.2200, 40.0840



6.4360, 10.6360, 5.4840

Previews

White Background



This preview shows how the YIQ color 118.5560, -79.2200, -40.0840 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 118.5560, -79.2200, -40.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

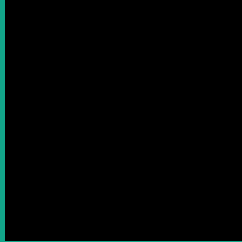
Any Text WCAG AA ✓ Pass

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 118.5560, -79.2200, -40.0840 Background



This preview shows how black text looks on a background with the YIQ color 118.5560, -79.2200, -40.0840.

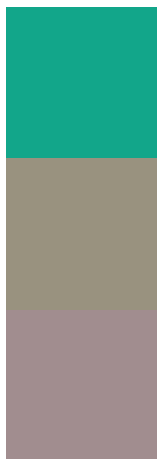


This preview shows how white text looks on a background with the YIQ color 118.5560, -79.2200, -40.0840.

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

118.5560, -79.2200, -40.0840

Protanopia

145.9270, 10.2710, -4.4250

Deuteranopia

147.2080, 11.2780, 4.8620



Tritanopia

129.2930, -70.3290, -19.4890

Trichromacy



Original Color

118.5560, -79.2200, -40.0840



Protanomaly

135.8410, -22.1420, -17.2300



Deuteranomaly

136.7150, -21.5470, -11.4910



Tritanomaly

125.3970, -73.8580, -27.1220

Monochromacy



Original Color

118.5560, -79.2200, -40.0840



Achromatopsia

119.0000, -0.0000, 0.0000



Achromatomaly

118.7140, -28.9740, -14.5580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.5560, -79.2200, -40.0840 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(18, 166, 138)` looks like.

```
.text, #text, p{  
    color:rgb(18, 166, 138)  
}
```

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(18, 166, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 166, 138) }
```

Border

The CSS property to change the border of an element to YIQ 118.5560, -79.2200, -40.0840 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(18, 166, 138) }
```


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

```
.border{ border-color:rgb(18, 166, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 166, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 166, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 166, 138);  
box-shadow:4px 4px 4px 4px rgb(18, 166,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 118.5560, -79.2200, -40.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 166, 138) }
```

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

```
.background{ background-color: rgb(18, 166,  
138) }
```

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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