

Converting Colors

YIQ(143.6520, -69.9620,
-20.6340)

Have a look what the booklet for
YIQ(143.6520, -69.9620, -20.6340)
contains.

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Color

**YIQ(143.6520, -69.9620,
-20.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	40B0BA
RGB	64, 176, 186
RGB Percent	25%, 69%, 73%
CMY	0.7493, 0.3096, 0.2709
CMYK	0.66, 0.05, 0.00, 0.27
HSL	185°, 49%, 49%
HSV	185°, 66%, 73%
XYZ	26.4998, 35.6990, 51.9077
YIQ	143.6520, -69.9620, -20.6340

Conversions

Conversions Part 2

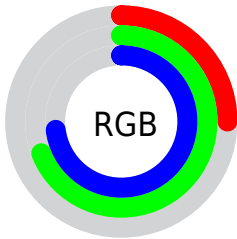
Format	Color
RYB	64, 122, 186
Decimal	4239546
CIELab	66.29, -28.05, -14.36
CIELCh	66, 31.515, 207.107
Yxy	35.6990, 0.2322, 0.3129
Android (android.graphics.Color)	4282429626 (0xFF40B0BA)
YUV	143.6520, 20.8776, -69.8548
Hunter-Lab	59.7486, -25.3915, -9.6852

Details

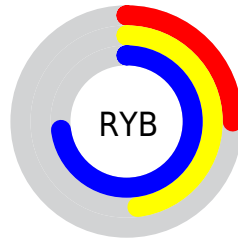
The YIQ color **143.6520, -69.9620, -20.6340** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **106.3480, 69.9620, 20.6340**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4460, -66.3860, -19.3620**, and **87.3630, -76.5180, -22.9660** is the 20% darker color. If you saturate the color by 10%, you get **137.3840, -81.0110, -24.1390**, and if you desaturate by 10%, it is **150.5070, -59.1880, -17.6520**.

Distribution



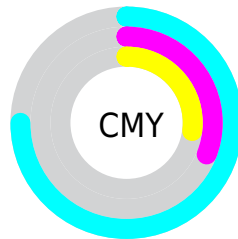
- Red (25%)
- Green (69%)
- Blue (73%)



- Red (25%)
- Yellow (48%)
- Blue (73%)



- Cyan (66%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (75%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.6520, -69.9620, -20.6340 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 143.6520, -69.9620, -20.6340 by changing the saturation by 10% instead.

■ 143.6520,
-69.9620, -20.6340

■ 143.6520,
-69.9620, -20.6340

■ 255.0000, -0.0000,
-0.0000

■ 111.8680,
-79.4980, -24.0260

■ 201.4460,
-66.3860, -19.3620

■ 87.3630, -76.5180,
-22.9660

■ 225.3990,
-59.0040, -20.9880

■ 69.8380, -61.6180,
-17.6660

■ 234.0700,
-41.7200, -14.8400

■ 52.9000, -46.9930,
-12.8890

■ 243.0400,
-23.8400, -8.4800

■ 36.1900, -33.0100,
-7.4900

■ 252.0100, -5.9600,
-2.1200

■ 22.5290, -20.7230,
-4.3950

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 143.6520,
-69.9620, -20.6340

■ 143.6520,
-69.9620, -20.6340

■ 137.3840,
-81.0110, -24.1390

■ 150.5070,
-59.1880, -17.6520

■ 130.8280,
-91.1890, -26.9090

■ 156.4760,
-48.7350, -14.3590

■ 124.5600,
-102.2380, -30.4140

■ 163.3310,
-37.9610, -11.3770

■ 121.5810,
-106.7310, -31.5870

■ 169.3000,
-27.5080, -8.0840

■ 176.1550,
-16.7340, -5.1020

■ 182.1240, -6.2810,
-1.8090

■ 188.9790, 4.4930,
1.1730

■ 195.2470, 15.5420,
4.6780

■ 201.8030, 25.7200,
7.4480

Harmonies

Analogous

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



147.2230, -46.9450, -24.7770



143.6520, -69.9620, -20.6340



147.9980, -67.5800, -8.7320

Triad

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



143.6520, -69.9620, -20.6340



165.3080, 14.7130, 25.2170



159.4330, 31.9130, -11.1830

Complementary

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



143.6520, -69.9620, -20.6340



106.3480, 69.9620, 20.6340

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.



161.8680, 44.2900, 1.2980



143.6520, -69.9620, -20.6340



164.9760, 36.0790, 23.4630

Square

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



143.6520, -69.9620, -20.6340



163.1780, -14.4000, 18.6880



163.2680, 46.5800, 14.8680



156.6150, 10.5490, -20.4830

Rectangle

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



143.6520, -69.9620, -20.6340



154.3360, -53.5520, 1.3600



163.2680, 46.5800, 14.8680



160.4770, 37.7810, -7.3950

Sweetspot

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



143.6520, -69.9620, -20.6340



225.3000, -27.5080, -8.0840



136.5260, -36.1180, -61.3180



112.1550, -16.7340, -5.1020



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



143.6520, -69.9620, -20.6340



176.0860, -109.7110, -32.6470



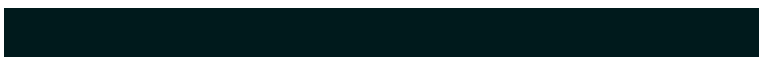
109.0190, -53.7370, 10.2230



88.7220, -5.0890, -1.3850



101.7250, -89.4010, -26.2730



18.4540, -16.1380, -4.8900

Inverse Universe

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



113.2460, 36.7600, 60.6960



128.1730, 57.3400, 95.2280



140.9810, 53.7370, -10.2230



86.6030, 2.7960, 4.3960



62.9460, 47.0730, 77.5450



11.3360, 8.3420, 14.0220

Previews

White Background



This preview shows how the YIQ color 143.6520, -69.9620, -20.6340 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 143.6520, -69.9620, -20.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

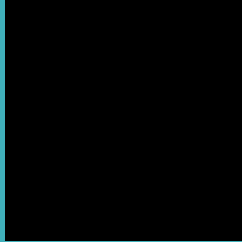
Any Text WCAG AA ✓ Pass

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 143.6520, -69.9620, -20.6340 Background



This preview shows how black text looks on a background with the YIQ color 143.6520, -69.9620, -20.6340.

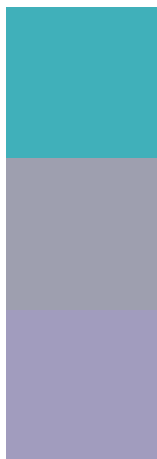


This preview shows how white text looks on a background with the YIQ color 143.6520, -69.9620, -20.6340.

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

143.6520, -69.9620, -20.6340

Protanopia

160.5250, -5.7320, 4.7640

Deuteranopia

161.3710, -7.9340, 11.6340



Tritanopia

144.1190, -69.7790, -18.4430

Trichromacy



Original Color

143.6520, -69.9620, -20.6340

Protanomaly

154.3370, -28.9300, -4.3380

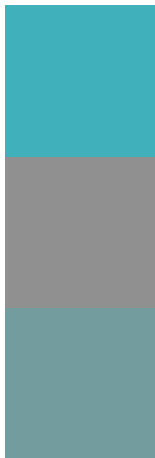
Deuteranomaly

154.9010, -30.3980, 0.2420

Tritanomaly

143.7060, -70.0540, -18.9660

Monochromacy



Original Color

143.6520, -69.9620, -20.6340

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.0830, -25.3990, -7.7590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.6520, -69.9620, -20.6340 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(64, 176, 186)` looks like.

```
.text, #text, p{  
    color:rgb(64, 176, 186)  
}
```

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(64, 176, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 176, 186) }
```

Border

The CSS property to change the border of an element to YIQ 143.6520, -69.9620, -20.6340 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(64, 176, 186) }
```


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

```
.border{ border-color:rgb(64, 176, 186) }
```

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

Here you see how a box with a 4 pixel rgb(64, 176, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 176, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 176, 186);  
box-shadow:4px 4px 4px 4px rgb(64, 176,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 143.6520, -69.9620, -20.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 176, 186) }
```

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

```
.background{ background-color: rgb(64, 176,  
186) }
```

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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