

Converting Colors

YIQ(140.7740, -55.5660,
-17.2140)

Have a look what the booklet for
YIQ(140.7740, -55.5660, -17.2140)
contains.

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Color

**YIQ(140.7740, -55.5660,
-17.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	4DA7AD
RGB	77, 167, 173
RGB Percent	30%, 65%, 68%
CMY	0.6982, 0.3449, 0.3218
CMYK	0.56, 0.03, 0.00, 0.32
HSL	184°, 38%, 49%
HSV	184°, 56%, 68%
XYZ	24.4192, 32.2418, 44.4423
YIQ	140.7740, -55.5660, -17.2140

Conversions

Conversions Part 2

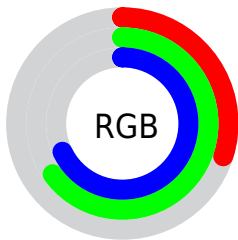
Format	Color
RYB	77, 123, 173
Decimal	5089197
CIELab	63.54, -25.00, -11.22
CIElCh	64, 27.396, 204.166
Yxy	32.2418, 0.2415, 0.3189
Android (android.graphics.Color)	4283279277 (0xFF4DA7AD)
YUV	140.7740, 15.8874, -55.9298
Hunter-Lab	56.7818, -22.6039, -6.6581

Details

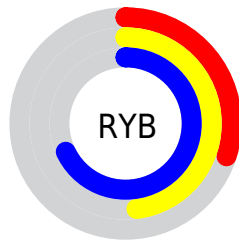
The YIQ color **140.7740, -55.5660, -17.2140** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **109.2260, 55.5660, 17.2140**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.3720, -54.3740, -16.7900**, and **81.2990, -70.4660, -22.5140** is the 20% darker color. If you saturate the color by 10%, you get **135.1040, -65.4230, -20.2950**, and if you desaturate by 10%, it is **146.4440, -45.7090, -14.1330**.

Distribution



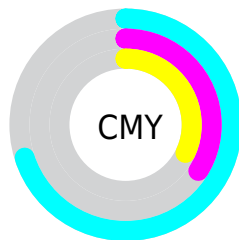
- Red (30%)
- Green (65%)
- Blue (68%)



- Red (30%)
- Yellow (48%)
- Blue (68%)



- Cyan (56%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)



- Cyan (70%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.7740, -55.5660, -17.2140 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 140.7740, -55.5660, -17.2140 by changing the saturation by 10% instead.

■ 140.7740,
-55.5660, -17.2140

■ 140.7740,
-55.5660, -17.2140

■ 255.0000, -0.0000,
-0.0000

■ 112.5780,
-57.9500, -18.0620

■ 196.3720,
-54.3740, -16.7900

■ 81.2990, -70.4660,
-22.5140

■ 225.1440,
-53.7320, -17.4120

■ 63.7740, -55.5660,
-17.2140

■ 236.1630,
-37.5480, -13.3560

■ 46.9500, -41.2620,
-12.1260

■ 244.8340,
-20.2640, -7.2080

■ 30.9410, -27.8750,
-6.9390

■ 253.8040, -2.3840,
-0.8480

■ 16.2200, -15.3590,
-2.4870

■ 0.0000, 0.0000,

0.0000

■ 140.7740,
-55.5660, -17.2140

■ 140.7740,
-55.5660, -17.2140

■ 135.1040,
-65.4230, -20.2950

■ 146.4440,
-45.7090, -14.1330

■ 129.1350,
-75.8760, -23.5880

■ 152.4130,
-35.2560, -10.8400

■ 123.4650,
-85.7330, -26.6690

■ 158.0830,
-25.3990, -7.7590

■ 117.7950,
-95.5900, -29.7500

■ 163.7530,
-15.5420, -4.6780

■ 114.8160,
-100.0830, -30.9230

■ 169.4230, -5.6850,
-1.5970

■ 175.3920, 4.7680,
1.6960

■ 181.0620, 14.6250,
4.7770

■ 187.3190, 24.2070,
7.3350

■ 193.2880, 34.6600,
10.6280

Harmonies

Analogous

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



143.3060, -36.8130, -21.1730



140.7740, -55.5660, -17.2140



143.6850, -56.3930, -7.7290

Triad

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



140.7740, -55.5660, -17.2140



157.7480, 10.3580, 21.5420



153.2310, 29.6660, -9.0060

Complementary

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



140.7740, -55.5660, -17.2140



109.2260, 55.5660, 17.2140

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.



155.0570, 39.3840, 2.1040



140.7740, -55.5660, -17.2140



157.2740, 29.2480, 20.6080

Square

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



140.7740, -55.5660, -17.2140



155.1840, -14.5370, 15.6630



156.5060, 39.9780, 13.3700



150.3210, 11.5570, -16.7230

Rectangle

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



140.7740, -55.5660, -17.2140



147.8160, -46.2160, 0.5680



156.5060, 39.9780, 13.3700



153.7910, 34.0210, -5.3310

Sweetspot

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



140.7740, -55.5660, -17.2140



211.4640, -22.0980, -7.0100



133.9220, -28.0050, -48.6530



104.8350, -12.8370, -4.1410



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



140.7740, -55.5660, -17.2140



173.8670, -86.9250, -27.0930



113.1850, -42.6410, 7.3670



83.7220, -5.0890, -1.3850



99.8670, -86.9250, -27.0930



15.5360, -13.4330, -4.3530

Inverse Universe

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



115.9640, 28.3260, 48.3420



134.9240, 44.1390, 75.6510



136.8150, 42.6410, -7.3670



81.6030, 2.7960, 4.3960



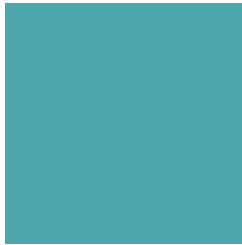
60.9240, 44.1390, 75.6510



9.3850, 6.6460, 11.7180

Previews

White Background



This preview shows how the YIQ color 140.7740, -55.5660, -17.2140 looks on a white background.

Color Contrast Check

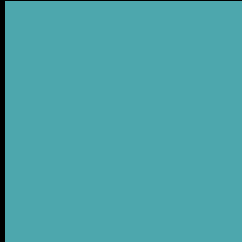
Large Text (above 18pt) WCAG AA × Fail

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 140.7740, -55.5660, -17.2140 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 140.7740, -55.5660, -17.2140 Background



This preview shows how black text looks on a background with the YIQ color 140.7740, -55.5660, -17.2140.

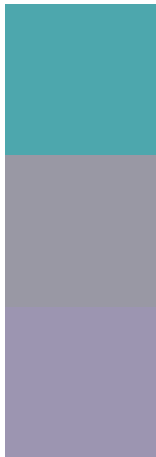


This preview shows how white text looks on a background with the YIQ color 140.7740, -55.5660, -17.2140.

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

140.7740, -55.5660, -17.2140

Protanopia

153.6670, -3.2560, 3.9440

Deuteranopia

154.2850, -4.8160, 10.1920



Tritanopia

141.4690, -56.0250, -14.4010

Trichromacy



Original Color

140.7740, -55.5660, -17.2140

Protanomaly

148.5720, -22.2820, -3.6740

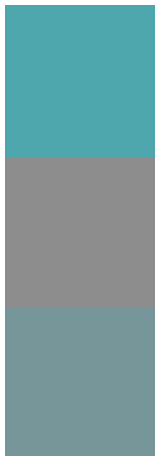
Deuteranomaly

149.6090, -23.7040, 0.0720

Tritanomaly

140.9420, -55.9790, -15.2350

Monochromacy



Original Color

140.7740, -55.5660, -17.2140

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.7740, -20.0350, -5.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.7740, -55.5660, -17.2140 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, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(77, 167, 173)  
}
```

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, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 167, 173) }
```

Border

The CSS property to change the border of an element to YIQ 140.7740, -55.5660, -17.2140 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, 167, 173) }
```


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

```
.border{ border-color:rgb(77, 167, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 167, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 167, 173);  
box-shadow:4px 4px 4px 4px rgb(77, 167,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 140.7740, -55.5660, -17.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 167, 173) }
```

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

```
.background{ background-color: rgb(77, 167,  
173) }
```

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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