

Converting Colors

YIQ(138.5100, -55.2430,
-28.5790)

Have a look what the booklet for
YIQ(138.5100, -55.2430, -28.5790)
contains.

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Color

**YIQ(138.5100, -55.2430,
-28.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	44AC97
RGB	68, 172, 151
RGB Percent	27%, 67%, 59%
CMY	0.7336, 0.3253, 0.4080
CMYK	0.61, 0.00, 0.12, 0.33
HSL	168°, 43%, 47%
HSV	168°, 61%, 67%
XYZ	22.7218, 32.9809, 34.4245
YIQ	138.5100, -55.2430, -28.5790

Conversions

Conversions Part 2

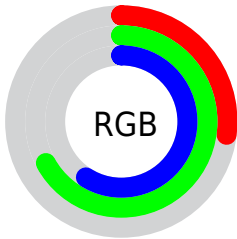
Format	Color
RYB	68, 126, 172
Decimal	4500631
CIELab	64.15, -35.14, 1.93
CIElCh	64, 35.191, 176.851
Yxy	32.9809, 0.2521, 0.3659
Android (android.graphics.Color)	4282690711 (0xFF44AC97)
YUV	138.5100, 6.1576, -61.8373
Hunter-Lab	57.4290, -29.8772, 4.6603

Details

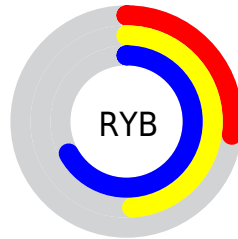
The YIQ color **138.5100, -55.2430, -28.5790** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **101.4900, 55.2430, 28.5790**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.8800, -53.4090, -28.7770**, and **81.2530, -64.8250, -31.1370** is the 20% darker color. If you saturate the color by 10%, you get **132.9710, -64.0910, -33.4270**, and if you desaturate by 10%, it is **143.9350, -46.0740, -24.0420**.

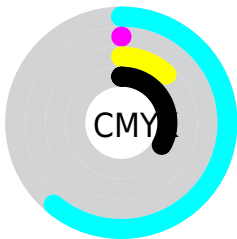
Distribution



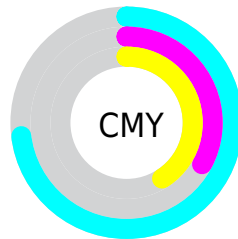
- Red (27%)
- Green (67%)
- Blue (59%)



- Red (27%)
- Yellow (49%)
- Blue (67%)



- Cyan (61%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (73%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.5100, -55.2430, -28.5790 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 138.5100, -55.2430, -28.5790 by changing the saturation by 10% instead.

■ 138.5100,
-55.2430, -28.5790

■ 138.5100,
-55.2430, -28.5790

■ 255.0000, -0.0000,
-0.0000

■ 109.5310,
-59.7360, -29.7520

■ 194.8800,
-53.4090, -28.7770

■ 81.2530, -64.8250,
-31.1370

■ 222.5920,
-52.5380, -28.0420

■ 63.8420, -50.2460,
-25.5260

■ 233.7710,
-42.3160, -15.0520

■ 46.6590, -36.3090,
-19.2930

■ 242.4420,
-25.0320, -8.9040

■ 30.6500, -22.9220,
-14.1060

■ 251.4120, -7.1520,
-2.5440

■ 14.6410, -9.5350,
-8.9190

■ 0.0000, 0.0000,

0.0000

■ 138.5100,
-55.2430, -28.5790

■ 138.5100,
-55.2430, -28.5790

■ 132.9710,
-64.0910, -33.4270

■ 143.9350,
-46.0740, -24.0420

■ 127.5460,
-73.2600, -37.9640

■ 149.4740,
-37.2260, -19.1940

■ 121.7080,
-82.7040, -43.0240

■ 155.1980,
-27.4610, -14.4450

■ 116.5820,
-91.2770, -47.3490

■ 160.7370,
-18.6130, -9.5970

■ 166.1620, -9.4440,
-5.0600

■ 171.7010, -0.5960,
-0.2120

■ 177.1260, 8.5730,
4.3250

■ 182.9640, 18.0170,
9.3850

■ 188.3890, 27.1860,
13.9220

Harmonies

Analogous

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



145.7730, -19.4350, -27.7470



138.5100, -55.2430, -28.5790



128.4040, -92.9310, -28.3790

Triad

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



138.5100, -55.2430, -28.5790



157.5630, -16.9220, 20.3420



156.2060, 49.1500, 1.3260

Complementary

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



138.5100, -55.2430, -28.5790



101.4900, 55.2430, 28.5790

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.



157.3610, 50.7520, 16.3520



138.5100, -55.2430, -28.5790



160.0740, 15.4920, 27.6200

Square

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



138.5100, -55.2430, -28.5790



149.8680, -51.9940, 6.1660



158.8240, 39.5630, 26.4030



153.2330, 35.3520, -12.9360

Rectangle

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



138.5100, -55.2430, -28.5790



130.6740, -93.3910, -20.0390



158.8240, 39.5630, 26.4030



156.1510, 50.9830, 6.6550

Sweetspot

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



138.5100, -55.2430, -28.5790



211.1280, -21.2720, -10.9680



135.6260, -15.4880, -49.7280



104.2540, -12.6990, -6.6430



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.



138.5100, -55.2430, -28.5790



171.5010, -86.5550, -44.8190



123.8810, -54.0090, -6.8810



84.0810, -4.7220, -2.5300



101.7300, -79.7700, -41.1300



15.5530, -12.1030, -6.4310

Inverse Universe

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



101.4900, 55.2430, 28.5790



113.4990, 86.5550, 44.8190



116.1190, 54.0090, 6.8810



80.9190, 4.7220, 2.5300



48.2700, 79.7700, 41.1300



7.4470, 12.1030, 6.4310

Previews

White Background



This preview shows how the YIQ color 138.5100, -55.2430, -28.5790 looks on a white background.

Color Contrast Check

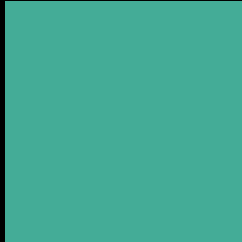
Large Text (above 18pt) WCAG AA × Fail

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 138.5100, -55.2430, -28.5790 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 138.5100, -55.2430, -28.5790 Background



This preview shows how black text looks on a background with the YIQ color 138.5100, -55.2430, -28.5790.

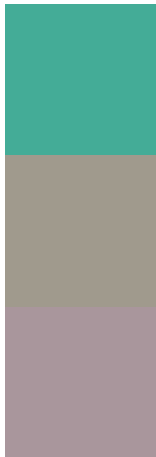


This preview shows how white text looks on a background with the YIQ color 138.5100, -55.2430, -28.5790.

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

138.5100, -55.2430, -28.5790

Protanopia

154.3120, 7.7490, -2.7710

Deuteranopia

156.3650, 9.3980, 5.8940



Tritanopia

143.1700, -56.6210, -14.6130

Trichromacy



Original Color

138.5100, -55.2430, -28.5790

Protanomaly

149.0100, -15.1280, -12.1840

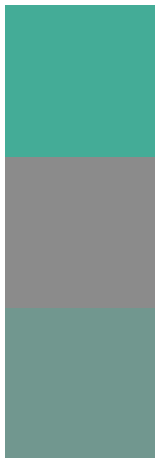
Deuteranomaly

149.7700, -14.2120, -6.7560

Tritanomaly

141.3070, -55.7490, -19.4050

Monochromacy



Original Color

138.5100, -55.2430, -28.5790

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.7260, -20.0800, -10.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.5100, -55.2430, -28.5790 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(68, 172, 151)` looks like.

```
.text, #text, p{  
    color:rgb(68, 172, 151)  
}
```

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(68, 172, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 172, 151) }
```

Border

The CSS property to change the border of an element to YIQ 138.5100, -55.2430, -28.5790 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(68, 172, 151) }
```


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

```
.border{ border-color:rgb(68, 172, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 172, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 172, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 172, 151);  
box-shadow:4px 4px 4px 4px rgb(68, 172,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 138.5100, -55.2430, -28.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 172, 151) }
```

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

```
.background{ background-color: rgb(68, 172,  
151) }
```

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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