

Converting Colors

YIQ(136.6790, -39.0610,
-13.4690)

Have a look what the booklet for
YIQ(136.6790, -39.0610, -13.4690)
contains.

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Color

**YIQ(136.6790, -39.0610,
-13.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	5B9C9D
RGB	91, 156, 157
RGB Percent	36%, 61%, 62%
CMY	0.6433, 0.3881, 0.3845
CMYK	0.42, 0.01, 0.00, 0.38
HSL	181°, 27%, 49%
HSV	181°, 42%, 62%
XYZ	22.2860, 28.4412, 36.1956
YIQ	136.6790, -39.0610, -13.4690

Conversions

Conversions Part 2

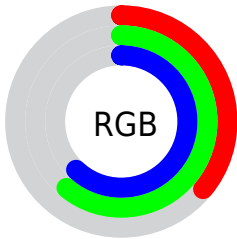
Format	Color
R_{YB}	91, 124, 157
Decimal	6003869
CIE _{Lab}	60.29, -20.50, -7.02
CIE _{LCh}	60, 21.665, 198.907
Yxy	28.4412, 0.2564, 0.3272
Android (android.graphics.Color)	4284193949 (0xFF5B9C9D)
YUV	136.6790, 10.0183, -40.0605
Hunter-Lab	53.3303, -18.7354, -2.9093

Details

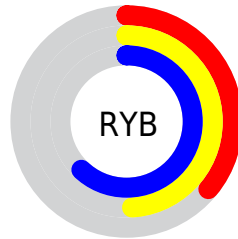
The YIQ color **136.6790, -39.0610, -13.4690** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **111.3210, 39.0610, 13.4690**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3800, -39.6570, -13.6810**, and **84.4830, -41.4450, -14.3170** is the 20% darker color. If you saturate the color by 10%, you get **131.8950, -48.5970, -16.8610**, and if you desaturate by 10%, it is **141.4630, -29.5250, -10.0770**.

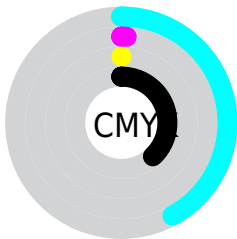
Distribution



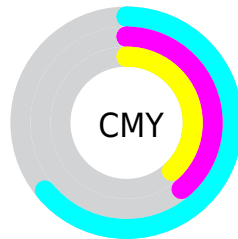
- Red (36%)
- Green (61%)
- Blue (62%)



- Red (36%)
- Yellow (49%)
- Blue (62%)



- Cyan (42%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (64%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.6790, -39.0610, -13.4690 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 136.6790, -39.0610, -13.4690 by changing the saturation by 10% instead.

■ 136.6790,
-39.0610, -13.4690

■ 136.6790,
-39.0610, -13.4690

■ 255.0000, -0.0000,
-0.0000

■ 110.3800,
-39.6570, -13.6810

■ 191.2660,
-39.3360, -13.9920

■ 84.4830, -41.4450,
-14.3170

■ 219.3800,
-39.6570, -13.6810

■ 56.3080, -48.3220,
-16.3380

■ 238.8540,
-32.1840, -11.4480

■ 40.1850, -34.6140,
-11.4620

■ 247.5250,
-14.9000, -5.3000

■ 24.7630, -21.5020,
-6.7980

■ 3.6990, -6.2820,
3.7180

■ 0.0000, 0.0000,

0.0000

■ 136.6790,
-39.0610, -13.4690

■ 136.6790,
-39.0610, -13.4690

■ 131.8950,
-48.5970, -16.8610

■ 141.4630,
-29.5250, -10.0770

■ 127.4100,
-57.5370, -20.0410

■ 145.9480,
-20.5850, -6.8970

■ 122.0390,
-66.7980, -22.9100

■ 151.3190,
-11.3240, -4.0280

■ 117.2550,
-76.3340, -26.3020

■ 156.1030, -1.7880,
-0.6360

■ 112.4710,
-85.8700, -29.6940

■ 160.5880, 7.1520,
2.5440

■ 108.8830,
-93.0220, -32.2380

■ 165.3720, 16.6880,
5.9360

■ 170.7430, 25.9490,
8.8050

■ 175.5270, 35.4850,
12.1970

■ 180.0120, 44.4250,
15.3770

Harmonies

Analogous

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



138.2860, -24.8930, -16.9330



136.6790, -39.0610, -13.4690



137.9270, -42.4550, -7.0230

Triad

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



136.6790, -39.0610, -13.4690



148.0630, 4.8570, 16.6090



145.3000, 25.2180, -5.4860

Complementary

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



136.6790, -39.0610, -13.4690



111.3210, 39.0610, 13.4690

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.



146.9900, 32.3230, 3.4190



136.6790, -39.0610, -13.4690



148.4470, 21.2710, 16.4950

Square

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



136.6790, -39.0610, -13.4690



146.1360, -14.5820, 10.9700



147.7760, 30.3500, 11.6460



143.2550, 11.9230, -12.3410

Rectangle

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



136.6790, -39.0610, -13.4690



140.5520, -36.7250, -0.7330



147.7760, 30.3500, 11.6460



145.8490, 28.1060, -2.7580

Sweetspot

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



136.6790, -39.0610, -13.4690



195.9270, -16.0920, -5.7240



129.7420, -18.1500, -34.5180



97.2160, -9.5360, -3.3920



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



136.6790, -39.0610, -13.4690



172.9150, -60.5170, -21.1010



117.8950, -30.2610, 3.2670



76.6080, -4.7680, -1.6960



99.0690, -84.6780, -29.2700



10.5150, -8.9400, -3.1800

Inverse Universe

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



118.1440, 18.4710, 34.2070



144.0120, 28.3710, 53.0350



130.1050, 30.2610, -3.2670



74.3040, 2.2000, 4.1840



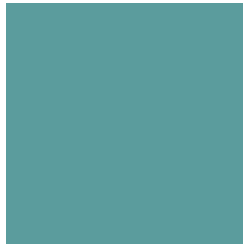
58.8310, 39.9670, 74.1670



6.1950, 4.1250, 7.8450

Previews

White Background



This preview shows how the YIQ color 136.6790, -39.0610, -13.4690 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 136.6790, -39.0610, -13.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

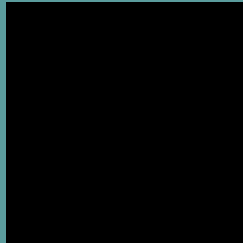
Any Text WCAG AA ✓ Pass

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 136.6790, -39.0610, -13.4690 Background



This preview shows how black text looks on a background with the YIQ color 136.6790, -39.0610, -13.4690.



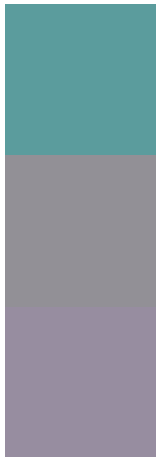
This preview shows how white text looks on a background with the YIQ color 136.6790, -39.0610, -13.4690.

-13.4690.

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

136.6790, -39.0610, -13.4690

Protanopia

145.2820, -0.7340, 2.2900

Deuteranopia

146.1560, -0.1390, 8.0290



Tritanopia

137.5420, -39.9330, -8.6770

Trichromacy



Original Color

136.6790, -39.0610, -13.4690

Protanomaly

141.9920, -14.7170, -3.1090

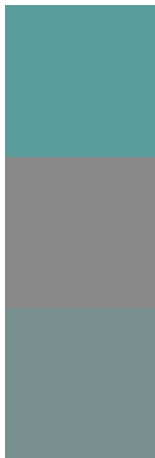
Deuteranomaly

142.3990, -14.3050, 0.4390

Tritanomaly

137.3740, -39.5200, -10.6560

Monochromacy



Original Color

136.6790, -39.0610, -13.4690

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8240, -14.3040, -5.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6790, -39.0610, -13.4690 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(91, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(91, 156, 157)  
}
```

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(91, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 156, 157) }
```

Border

The CSS property to change the border of an element to YIQ 136.6790, -39.0610, -13.4690 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(91, 156, 157) }
```


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

```
.border{ border-color:rgb(91, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(91, 156,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6790, -39.0610, -13.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 156, 157) }
```

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

```
.background{ background-color: rgb(91, 156,  
157) }
```

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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