

Converting Colors

YIQ(137.8340, -29.4320,
-17.2720)

Have a look what the booklet for
YIQ(137.8340, -29.4320, -17.2720)
contains.

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Color

**YIQ(137.8340, -29.4320,
-17.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	639D8D
RGB	99, 157, 141
RGB Percent	39%, 62%, 55%
CMY	0.6119, 0.3842, 0.4472
CMYK	0.37, 0.00, 0.10, 0.38
HSL	163°, 23%, 50%
HSV	163°, 37%, 62%
XYZ	22.0083, 28.6950, 29.5676
YIQ	137.8340, -29.4320, -17.2720

Conversions

Conversions Part 2

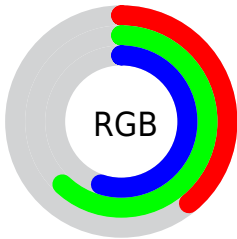
Format	Color
R_{YB}	99, 133, 157
Decimal	6528397
CIE _{Lab}	60.51, -22.76, 2.40
CIE _{LCh}	61, 22.884, 173.973
Yxy	28.6950, 0.2742, 0.3575
Android (android.graphics.Color)	4284718477 (0xFF639D8D)
YUV	137.8340, 1.5608, -34.0574
Hunter-Lab	53.5677, -20.4068, 4.7712

Details

The YIQ color **137.8340, -29.4320, -17.2720** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **118.1660, 29.4320, 17.2720**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.1220, -30.3030, -18.0070**, and **86.3610, -29.4780, -16.4380** is the 20% darker color. If you saturate the color by 10%, you get **132.5940, -37.6840, -21.9080**, and if you desaturate by 10%, it is **143.0740, -21.1800, -12.6360**.

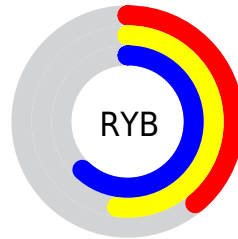
Distribution



Red (39%)

Green (62%)

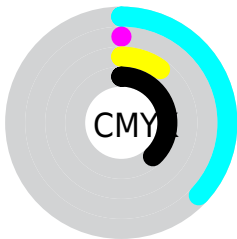
Blue (55%)



Red (39%)

Yellow (52%)

Blue (62%)

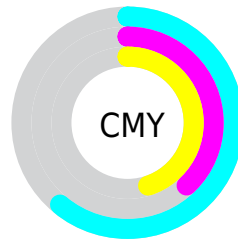


Cyan (37%)

Magenta (0%)

Yellow (10%)

Black (38%)



Cyan (61%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8340, -29.4320, -17.2720 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 137.8340, -29.4320, -17.2720 by changing the saturation by 10% instead.

■ 137.8340,
-29.4320, -17.2720

■ 137.8340,
-29.4320, -17.2720

■ 255.0000, -0.0000,
-0.0000

■ 111.8340,
-29.4320, -17.2720

■ 192.1220,
-30.3030, -18.0070

■ 86.3610, -29.4780,
-16.4380

■ 219.7090,
-30.5780, -18.5300

■ 61.4640, -31.2660,
-17.0740

■ 240.4910,
-26.7280, -11.2080

■ 39.1760, -30.3950,
-16.3390

■ 249.3190,
-11.3240, -4.0280

■ 23.9820, -17.9250,
-11.0530

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,

0.0000

■ 137.8340,
-29.4320, -17.2720

■ 137.8340,
-29.4320, -17.2720

■ 132.5940,
-37.6840, -21.9080

■ 143.0740,
-21.1800, -12.6360

■ 127.5390,
-45.0190, -26.6430

■ 148.1290,
-13.8450, -7.9010

■ 122.2990,
-53.2710, -31.2790

■ 153.3690, -5.5930,
-3.2650

■ 117.0590,
-61.5230, -35.9150

■ 158.6090, 2.6590,
1.3710

■ 111.7050,
-69.4540, -40.8620

■ 163.6640, 9.9940,
6.1060

■ 106.7640,
-77.1100, -45.2860

■ 168.9040, 18.2460,
10.7420

■ 105.1550,
-79.7690, -46.6570

■ 174.1440, 26.4980,
15.3780

■ 179.4980, 34.4290,
20.3250

■ 184.4390, 42.0850,
24.7490

Harmonies

Analogous

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



140.1860, -9.9920, -17.1600



137.8340, -29.4320, -17.2720



136.3410, -43.9210, -13.4970

Triad

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



137.8340, -29.4320, -17.2720



147.2720, -11.9690, 13.1750



147.2350, 33.0110, 1.9630

Complementary

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



137.8340, -29.4320, -17.2720



118.1660, 29.4320, 17.2720

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.



148.2170, 33.4220, 11.0380



137.8340, -29.4320, -17.2720



149.4440, 8.1580, 17.3580

Square

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



137.8340, -29.4320, -17.2720



143.0520, -32.1410, 4.2990



149.4150, 24.2970, 16.7210



145.3600, 24.9890, -6.8430

Rectangle

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



137.8340, -29.4320, -17.2720



137.0190, -45.7100, -8.6060



149.4150, 24.2970, 16.7210



147.5280, 33.7440, 5.2000

Sweetspot

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



137.8340, -29.4320, -17.2720



196.7380, -11.1860, -6.5300



137.8300, -6.4140, -26.9420



97.6570, -6.4640, -4.0000



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.



137.8340, -29.4320, -17.2720



174.2400, -45.6150, -26.8550



132.0270, -30.9930, -5.4970



76.3800, -4.1260, -2.3180



95.6830, -72.3880, -42.7560



10.0590, -7.6560, -4.4240

Inverse Universe

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



118.1660, 29.4320, 17.2720



143.7600, 45.6150, 26.8550



123.9730, 30.9930, 5.4970



73.6200, 4.1260, 2.3180



47.2030, 72.7090, 42.4450



4.9410, 7.6560, 4.4240

Previews

White Background



This preview shows how the YIQ color 137.8340, -29.4320, -17.2720 looks on a white background.

Color Contrast Check

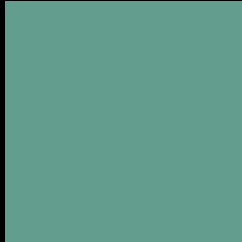
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8340, -29.4320, -17.2720 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 137.8340, -29.4320, -17.2720 Background



This preview shows how black text looks on a background with the YIQ color 137.8340, -29.4320, -17.2720.



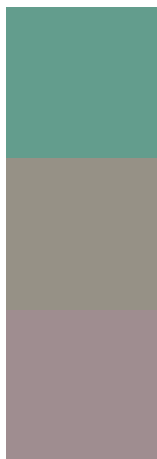
This preview shows how white text looks on a background with the YIQ color 137.8340, -29.4320, -17.2720.

-17.2720.

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

137.8340, -29.4320, -17.2720

Protanopia

145.2410, 6.5110, -2.3610

Deuteranopia

146.7240, 9.7650, 4.7490



Tritanopia

140.1300, -32.7810, -6.1330

Trichromacy



Original Color

137.8340, -29.4320, -17.2720

Protanomaly

142.2500, -6.8760, -7.5480

Deuteranomaly

143.5540, -4.6760, -3.3640

Tritanomaly

139.0930, -31.3590, -9.8790

Monochromacy



Original Color

137.8340, -29.4320, -17.2720

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0370, -10.5900, -6.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8340, -29.4320, -17.2720 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(99, 157, 141)` looks like.

```
.text, #text, p{  
    color:rgb(99, 157, 141)  
}
```

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(99, 157, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 157, 141) }
```

Border

The CSS property to change the border of an element to YIQ 137.8340, -29.4320, -17.2720 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(99, 157, 141) }
```


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

```
.border{ border-color:rgb(99, 157, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 157, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 157, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 157, 141);  
box-shadow:4px 4px 4px 4px rgb(99, 157,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8340, -29.4320, -17.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 157, 141) }
```

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

```
.background{ background-color: rgb(99, 157,  
141) }
```

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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