

Converting Colors

YIQ(137.6000, -28.6530,
-14.8690)

Have a look what the booklet for
YIQ(137.6000, -28.6530, -14.8690)
contains.

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Color

**YIQ(137.6000, -28.6530,
-14.8690)**

Conversions

Conversions Part 1

Format	Color
Hex	659B90
RGB	101, 155, 144
RGB Percent	40%, 61%, 56%
CMY	0.6040, 0.3921, 0.4354
CMYK	0.35, 0.00, 0.07, 0.39
HSL	168°, 21%, 50%
HSV	168°, 35%, 61%
XYZ	22.1201, 28.2277, 30.6575
YIQ	137.6000, -28.6530, -14.8690

Conversions

Conversions Part 2

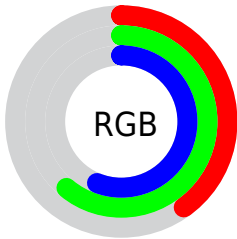
Format	Color
RYB	101, 131, 155
Decimal	6658960
CIELab	60.09, -20.44, 0.11
CIElCh	60, 20.439, 179.690
Yxy	28.2277, 0.2731, 0.3485
Android (android.graphics.Color)	4284849040 (0xFF659B90)
YUV	137.6000, 3.1552, -32.0982
Hunter-Lab	53.1298, -18.6604, 2.9788

Details

The YIQ color $137.6000, -28.6530, -14.8690$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $118.4000, 28.6530, 14.8690$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.8880, -29.5240, -15.6040$, and $86.7140, -28.9740, -14.5580$ is the 20% darker color. If you saturate the color by 10%, you get $132.4740, -37.2260, -19.1940$, and if you desaturate by 10%, it is $142.4270, -20.6760, -10.7560$.

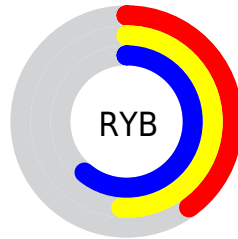
Distribution



Red (40%)

Green (61%)

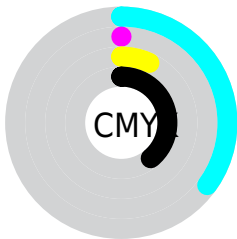
Blue (56%)



Red (40%)

Yellow (51%)

Blue (61%)

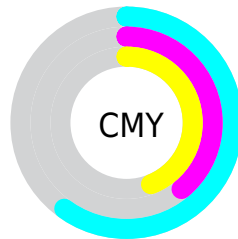


Cyan (35%)

Magenta (0%)

Yellow (7%)

Black (39%)



Cyan (60%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.6000, -28.6530, -14.8690 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 137.6000, -28.6530, -14.8690 by changing the saturation by 10% instead.

■ 137.6000,
-28.6530, -14.8690

■ 137.6000,
-28.6530, -14.8690

■ 255.0000, -0.0000,
-0.0000

■ 111.6000,
-28.6530, -14.8690

■ 191.8880,
-29.5240, -15.6040

■ 86.7140, -28.9740,
-14.5580

■ 219.5890,
-30.1200, -15.8160

■ 61.5290, -29.8910,
-14.4590

■ 241.1320,
-27.0950, -10.0630

■ 38.3440, -30.8080,
-14.3600

■ 249.9170,
-10.1320, -3.6040

■ 23.6230, -18.2920,
-9.9080

■ 0.5870, -0.2750,
-0.5230

■ 0.0000, 0.0000,

0.0000

■ 137.6000,
-28.6530, -14.8690

■ 137.6000,
-28.6530, -14.8690

■ 132.4740,
-37.2260, -19.1940

■ 142.4270,
-20.6760, -10.7560

■ 127.6470,
-45.2030, -23.3070

■ 147.5530,
-12.1030, -6.4310

■ 122.4070,
-53.4550, -27.9430

■ 152.3800, -4.1260,
-2.3180

■ 117.5800,
-61.4320, -32.0560

■ 157.6200, 4.1260,
2.3180

■ 112.4540,
-70.0050, -36.3810

■ 162.4470, 12.1030,
6.4310

■ 107.6270,
-77.9820, -40.4940

■ 167.5730, 20.6760,
10.7560

■ 105.0070,
-82.1080, -42.8120

■ 172.4000, 28.6530,
14.8690

■ 177.5260, 37.2260,
19.1940

■ 182.3530, 45.2030,
23.3070

Harmonies

Analogous

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



139.4570, -12.1930, -15.8170



137.6000, -28.6530, -14.8690



137.2600, -39.1990, -10.9670

Triad

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



137.6000, -28.6530, -14.8690



146.4960, -6.7880, 12.8920



146.0280, 29.1600, 0.1680

Complementary

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



137.6000, -28.6530, -14.8690



118.4000, 28.6530, 14.8690

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.



146.7820, 30.2130, 8.6210



137.6000, -28.6530, -14.8690



148.0590, 10.6800, 15.7040

Square

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



137.6000, -28.6530, -14.8690



142.9990, -24.6220, 5.6980



147.9480, 24.1140, 14.5300



144.1960, 19.5790, -7.9170

Rectangle

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



137.6000, -28.6530, -14.8690



138.4220, -39.4750, -5.9630



147.9480, 24.1140, 14.5300



146.2070, 30.2140, 3.0940

Sweetspot

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



137.6000, -28.6530, -14.8690



194.5640, -10.6360, -5.4840



136.2860, -7.6980, -25.6980



98.0700, -6.1890, -3.4770



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.



137.6000, -28.6530, -14.8690



173.9460, -44.6070, -23.0950



130.0490, -28.0590, -3.6030



74.3800, -4.1260, -2.3180



94.9480, -74.4520, -38.3880



8.7710, -6.7850, -3.6890

Inverse Universe

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



118.4000, 28.6530, 14.8690



144.0540, 44.6070, 23.0950



125.9510, 28.0590, 3.6030



71.5060, 4.4470, 2.0070



45.1660, 74.1310, 38.6990



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 137.6000, -28.6530, -14.8690 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 137.6000, -28.6530, -14.8690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

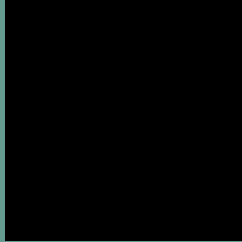
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

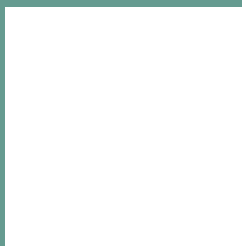
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 137.6000, -28.6530, -14.8690 Background



This preview shows how black text looks on a background with the YIQ color 137.6000, -28.6530, -14.8690.



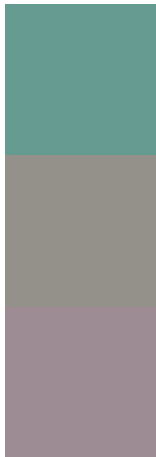
This preview shows how white text looks on a background with the YIQ color 137.6000, -28.6530, -14.8690.

-14.8690.

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

137.6000, -28.6530, -14.8690

Protanopia

144.5120, 4.3100, -1.0180

Deuteranopia

145.8810, 7.8850, 5.7810



Tritanopia

139.6140, -31.2680, -6.0200

Trichromacy



Original Color

137.6000, -28.6530, -14.8690

Protanomaly

142.0050, -7.5640, -6.0920

Deuteranomaly

142.7220, -5.0890, -1.3850

Tritanomaly

138.8050, -30.4880, -9.1440

Monochromacy



Original Color

137.6000, -28.6530, -14.8690

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.8630, -10.0400, -5.2720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.6000, -28.6530, -14.8690 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(101, 155, 144)` looks like.

```
.text, #text, p{  
    color:rgb(101, 155, 144)  
}
```

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(101, 155, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 155, 144) }
```

Border

The CSS property to change the border of an element to YIQ 137.6000, -28.6530, -14.8690 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(101, 155, 144) }
```


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

```
.border{ border-color:rgb(101, 155, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 155, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 155, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 155, 144);  
box-shadow:4px 4px 4px 4px rgb(101, 155,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 137.6000, -28.6530, -14.8690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 155, 144) }
```

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

```
.background{ background-color: rgb(101,  
155, 144) }
```

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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