

Converting Colors

YIQ(137.1150, -11.2300,
-16.7500)

Have a look what the booklet for
YIQ(137.1150, -11.2300, -16.7500)
contains.

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Color

**YIQ(137.1150, -11.2300,
-16.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	749779
RGB	116, 151, 121
RGB Percent	45%, 59%, 47%
CMY	0.5452, 0.4078, 0.5255
CMYK	0.23, 0.00, 0.20, 0.41
HSL	129°, 14%, 52%
HSV	129°, 23%, 59%
XYZ	21.7188, 27.2295, 22.1985
YIQ	137.1150, -11.2300, -16.7500

Conversions

Conversions Part 2

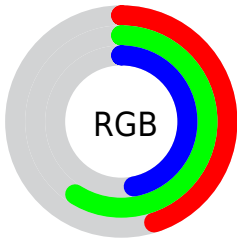
Format	Color
R_{YB}	116, 147, 151
Decimal	7640953
CIE _{Lab}	59.19, -18.40, 11.92
CIE _{LCh}	59, 21.921, 147.059
Yxy	27.2295, 0.3053, 0.3827
Android (android.graphics.Color)	4285831033 (0xFF749779)
YUV	137.1150, -7.9447, -18.5179
Hunter-Lab	52.1819, -17.0241, 11.3050

Details

The YIQ color $137.1150, -11.2300, -16.7500$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $129.8850, 11.2300, 16.7500$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.5880, -11.1840, -17.5840$, and $86.9410, -10.6800, -15.7040$ is the 20% darker color. If you saturate the color by 10%, you get $131.1480, -15.9970, -23.9730$, and if you desaturate by 10%, it is $143.0820, -6.4630, -9.5270$.

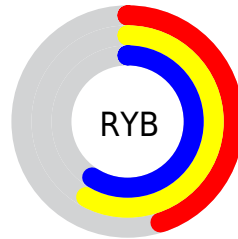
Distribution



Red (45%)

Green (59%)

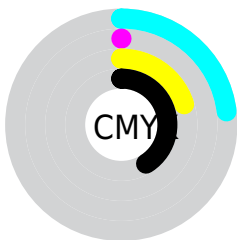
Blue (47%)



Red (45%)

Yellow (58%)

Blue (59%)

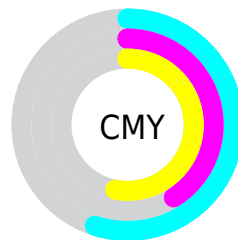


Cyan (23%)

Magenta (0%)

Yellow (20%)

Black (41%)



Cyan (55%)

Magenta (41%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.1150, -11.2300, -16.7500 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 137.1150, -11.2300, -16.7500 by changing the saturation by 10% instead.

■ 137.1150,
-11.2300, -16.7500

■ 137.1150,
-11.2300, -16.7500

■ 255.0000, -0.0000,
-0.0000

■ 111.5280,
-10.9550, -16.2270

■ 190.5880,
-11.1840, -17.5840

■ 86.9410, -10.6800,
-15.7040

■ 218.8760,
-12.0550, -18.3190

■ 63.4680, -10.7260,
-14.8700

■ 242.7670,
-10.1300, -14.6580

■ 40.6960, -11.3680,
-14.2480

■ 254.4020, -1.1920,
-0.4240

■ 19.2400, -10.0840,
-15.4920

■ 0.0000, 0.0000,
0.0000

■ 137.1150,
-11.2300, -16.7500

■ 137.1150,
-11.2300, -16.7500

■ 131.1480,
-15.9970, -23.9730

■ 143.0820, -6.4630,
-9.5270

■ 125.1810,
-20.7640, -31.1960

■ 149.0490, -1.6960,
-2.3040

■ 119.2140,
-25.5310, -38.4190

■ 155.0160, 3.0710,
4.9190

■ 113.2470,
-30.2980, -45.6420

■ 160.9830, 7.8380,
12.1420

■ 106.9810,
-35.6610, -53.0770

■ 166.9500, 12.6050,
19.3650

■ 101.0140,
-40.4280, -60.3000

■ 173.2160, 17.9680,
26.8000

■ 95.0470, -45.1950,
-67.5230

■ 179.1830, 22.7350,
34.0230

■ 91.1450, -48.5870,

■ 185.0360, 27.8230,

-72.1310

40.9350

 191.0030, 32.5900,
48.1580

Harmonies

Analogous

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



139.8630, 7.1550, -14.0370



137.1150, -11.2300, -16.7500



134.4750, -29.7990, -16.1270

Triad

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



137.1150, -11.2300, -16.7500



140.3190, -28.5190, 4.7370



144.7930, 31.6800, 9.5680

Complementary

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



137.1150, -11.2300, -16.7500



129.8850, 11.2300, 16.7500

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.



145.7740, 24.6640, 15.5760



137.1150, -11.2300, -16.7500



143.9410, -9.5390, 13.1890

Square

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



137.1150, -11.2300, -16.7500



135.9920, -41.0800, -4.4080



145.5150, 9.3960, 16.9480



143.3380, 31.2230, 1.3270

Rectangle

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



137.1150, -11.2300, -16.7500



133.5650, -38.7400, -13.7800



145.5150, 9.3960, 16.9480



145.1890, 30.6250, 12.1690

Sweetspot

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



137.1150, -11.2300, -16.7500



190.8590, -4.2170, -6.1770



145.5150, 8.2550, -11.9450



95.9240, -2.8420, -3.5620



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



137.1150, -11.2300, -16.7500



174.1970, -17.6930, -26.2770



139.0530, -16.6870, -11.4630



73.8100, -2.5210, -3.8730



84.4600, -44.9200, -67.0000



7.8590, -4.2170, -6.1770

Inverse Universe

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



129.8850, 11.2300, 16.7500



162.8030, 17.6930, 26.2770



127.9470, 16.6870, 11.4630



72.0760, 2.8420, 3.5620



55.5400, 44.9200, 67.0000



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 137.1150, -11.2300, -16.7500 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 137.1150, -11.2300, -16.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

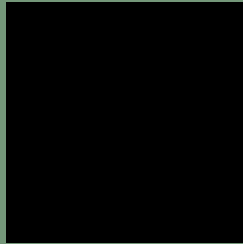
Any Text WCAG AA ✓ Pass

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 137.1150, -11.2300, -16.7500 Background



This preview shows how black text looks on a background with the YIQ color 137.1150, -11.2300, -16.7500.



This preview shows how white text looks on a background with the YIQ color 137.1150, -11.2300, -16.7500.

-16.7500.

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

137.1150, -11.2300, -16.7500

Protanopia

141.4280, 13.1140, -6.3900

Deuteranopia

142.9930, 19.0730, 1.2570



Tritanopia

140.4910, -17.5600, -1.1440

Trichromacy



Original Color

137.1150, -11.2300, -16.7500

Protanomaly

139.8290, 4.4950, -9.8810

Deuteranomaly

140.7310, 7.8870, -5.2730

Tritanomaly

139.2860, -15.7250, -6.8690

Monochromacy



Original Color

137.1150, -11.2300, -16.7500

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8590, -4.2170, -6.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.1150, -11.2300, -16.7500 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(116, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(116, 151, 121)  
}
```

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(116, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 151, 121) }
```

Border

The CSS property to change the border of an element to YIQ 137.1150, -11.2300, -16.7500 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(116, 151, 121) }
```


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

```
.border{ border-color:rgb(116, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(116, 151,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 137.1150, -11.2300, -16.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 151, 121) }
```

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

```
.background{ background-color: rgb(116,  
151, 121) }
```

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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