

Converting Colors

YIQ(157.8230, -22.8720,
-37.0480)

Have a look what the booklet for
YIQ(157.8230, -22.8720, -37.0480)
contains.

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Color

**YIQ(157.8230, -22.8720,
-37.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	71BC78
RGB	113, 188, 120
RGB Percent	44%, 74%, 47%
CMY	0.5571, 0.2626, 0.5294
CMYK	0.40, 0.00, 0.36, 0.26
HSL	126°, 36%, 59%
HSV	126°, 40%, 74%
XYZ	28.1823, 40.8426, 24.1643
YIQ	157.8230, -22.8720, -37.0480

Conversions

Conversions Part 2

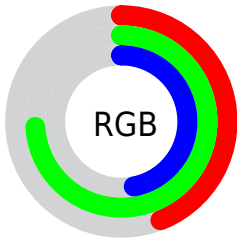
Format	Color
RYB	113, 182, 188
Decimal	7453816
CIELab	70.07, -37.56, 27.30
CIElCh	70, 46.433, 143.987
Yxy	40.8426, 0.3024, 0.4383
Android (android.graphics.Color)	4285643896 (0xFF71BC78)
YUV	157.8230, -18.6467, -39.3098
Hunter-Lab	63.9082, -33.1244, 22.3177

Details

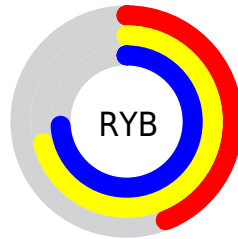
The YIQ color **157.8230, -22.8720, -37.0480** is a dark color, and the websafe version is hex **66CC99**, and the color name is **iguana green**. A complement of this color would be **143.1770, 22.8720, 37.0480**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7690, -22.7800, -38.7160**, and **104.3930, -24.4770, -35.4930** is the 20% darker color. If you saturate the color by 10%, you get **150.2040, -28.7390, -46.3630**, and if you desaturate by 10%, it is **165.4420, -17.0050, -27.7330**.

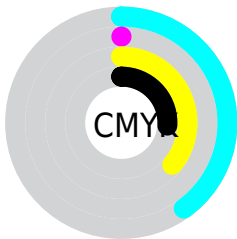
Distribution



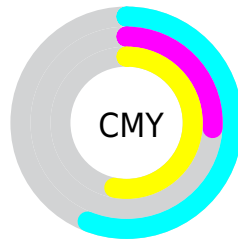
- Red (44%)
- Green (74%)
- Blue (47%)



- Red (44%)
- Yellow (71%)
- Blue (74%)



- Cyan (40%)
- Magenta (0%)
- Yellow (36%)
- Black (26%)



- Cyan (56%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.8230, -22.8720, -37.0480 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 157.8230, -22.8720, -37.0480 by changing the saturation by 10% instead.

■ 157.8230,
-22.8720, -37.0480

■ 157.8230,
-22.8720, -37.0480

■ 255.0000, -0.0000,
-0.0000

■ 131.0510,
-23.5140, -36.4260

■ 213.7690,
-22.7800, -38.7160

■ 104.3930,
-24.4770, -35.4930

■ 231.0890,
-17.5090, -29.6130

■ 77.7240, -26.9070,
-35.5070

■ 243.0660, -9.5340,
-14.4460

■ 51.4570, -30.5290,
-35.9450

■ 254.7010, -0.5960,
-0.2120

■ 35.2200, -16.5000,
-31.3800

■ 22.8930, -10.7250,
-20.3970

■ 0.0000, 0.0000,

0.0000

■ 157.8230,
-22.8720, -37.0480

■ 157.8230,
-22.8720, -37.0480

■ 150.2040,
-28.7390, -46.3630

■ 165.4420,
-17.0050, -27.7330

■ 142.5850,
-34.6060, -55.6780

■ 173.0610,
-11.1380, -18.4180

■ 135.2650,
-39.8770, -64.7810

■ 180.3810, -5.8670,
-9.3150

■ 127.6460,
-45.7440, -74.0960

■ 188.0000, 0.0000,
0.0000

■ 120.0270,
-51.6110, -83.4110

■ 195.6190, 5.8670,
9.3150

■ 112.4080,
-57.4780, -92.7260

■ 203.2380, 11.7340,
18.6300

■ 210.8570, 17.6010,
27.9450

■ 215.6710, 18.4250,
35.0410

Harmonies

Analogous

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



164.2980, 18.3910, -30.4490



157.8230, -22.8720, -37.0480



141.8110, -84.4920, -43.6600

Triad

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



157.8230, -22.8720, -37.0480



157.7750, -82.5290, 3.3830



172.4880, 66.7520, 23.7440

Complementary

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



157.8230, -22.8720, -37.0480



143.1770, 22.8720, 37.0480

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.



174.4220, 49.9230, 36.8910



157.8230, -22.8720, -37.0480



172.9780, -28.1560, 25.7000

Square

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



157.8230, -22.8720, -37.0480



137.4880, -128.0980, -24.3060



176.6540, 17.0950, 37.1190



171.0570, 65.7470, 3.4030

Rectangle

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



157.8230, -22.8720, -37.0480



134.9510, -114.0650, -41.8490



176.6540, 17.0950, 37.1190



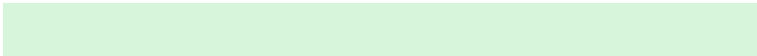
173.2090, 63.4040, 29.3560

Sweetspot

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



157.8230, -22.8720, -37.0480



232.9520, -9.2130, -14.7570



177.6560, 20.4990, -24.5970



115.2070, -5.3170, -8.2690



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



157.8230, -22.8720, -37.0480



197.5200, -35.9810, -58.2930



162.0410, -34.7490, -25.5410



90.3970, -2.7960, -4.3960



94.4560, -48.2650, -77.9690



18.5390, -9.4880, -15.2800

Inverse Universe

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



143.1770, 22.8720, 37.0480



174.4800, 35.9810, 58.2930



138.9590, 34.7490, 25.5410



88.6030, 2.7960, 4.3960



63.5440, 48.2650, 77.9690



12.4610, 9.4880, 15.2800

Previews

White Background



This preview shows how the YIQ color 157.8230, -22.8720, -37.0480 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 157.8230, -22.8720, -37.0480 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 157.8230, -22.8720, -37.0480 Background



This preview shows how black text looks on a background with the YIQ color 157.8230, -22.8720, -37.0480.



This preview shows how white text looks on a background with the YIQ color 157.8230, -22.8720, -37.0480.

-37.0480.

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

157.8230, -22.8720, -37.0480

Protanopia

167.9870, 27.2370, -14.5470

Deuteranopia

170.1440, 34.5250, -3.4510



Tritanopia

165.3470, -34.8900, -6.4580

Trichromacy



Original Color

157.8230, -22.8720, -37.0480

Protanomaly

164.6640, 8.8530, -22.7870

Deuteranomaly

165.6310, 13.6200, -15.5640

Tritanomaly

162.5350, -30.0280, -17.4840

Monochromacy



Original Color

157.8230, -22.8720, -37.0480

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.0770, -8.0670, -13.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.8230, -22.8720, -37.0480 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(113, 188, 120)` looks like.

```
.text, #text, p{  
    color:rgb(113, 188, 120)  
}
```

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(113, 188, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 188, 120) }
```

Border

The CSS property to change the border of an element to YIQ 157.8230, -22.8720, -37.0480 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(113, 188, 120) }
```


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

```
.border{ border-color:rgb(113, 188, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 188, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 188, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 188, 120);  
box-shadow:4px 4px 4px 4px rgb(113, 188,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 157.8230, -22.8720, -37.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 188, 120) }
```

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

```
.background{ background-color: rgb(113,  
188, 120) }
```

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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