

Converting Colors

YIQ(137.3790, -28.7480, 3.3800)

Have a look what the booklet for
YIQ(137.3790, -28.7480, 3.3800)
contains.

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Color

**YIQ(137.3790, -28.7480,
3.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	708FAF
RGB	112, 143, 175
RGB Percent	44%, 56%, 69%
CMY	0.5608, 0.4392, 0.3139
CMYK	0.36, 0.18, 0.00, 0.31
HSL	210°, 28%, 56%
HSV	210°, 36%, 69%
XYZ	24.2392, 26.1865, 44.3162
YIQ	137.3790, -28.7480, 3.3800

Conversions

Conversions Part 2

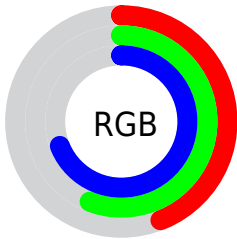
Format	Color
R_{YB}	112, 133, 175
Decimal	7376815
CIE _{Lab}	58.21, -2.81, -20.26
CIE _{LCh}	58, 20.456, 262.103
Yxy	26.1865, 0.2558, 0.2764
Android (android.graphics.Color)	4285566895 (0xFF708FAF)
YUV	137.3790, 18.5472, -22.2574
Hunter-Lab	51.1727, -5.0015, -15.5249

Details

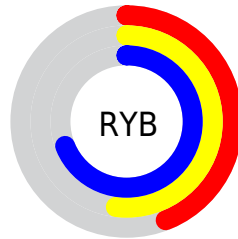
The YIQ color $137.3790, -28.7480, 3.3800$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $149.6210, 28.7480, -3.3800$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $191.6070, -29.3900, 4.0020$, and $86.7380, -28.3810, 2.2350$ is the 20% darker color. If you saturate the color by 10%, you get $126.7140, -37.0010, 4.2710$, and if you desaturate by 10%, it is $147.7450, -21.0910, 2.2770$.

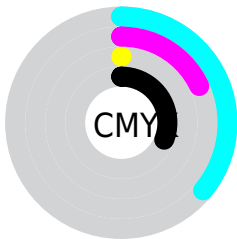
Distribution



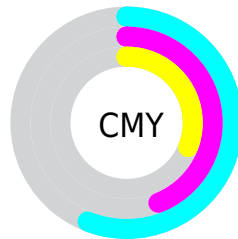
- Red (44%)
- Green (56%)
- Blue (69%)



- Red (44%)
- Yellow (52%)
- Blue (69%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (56%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.3790, -28.7480, 3.3800 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 137.3790, -28.7480, 3.3800 by changing the saturation by 10% instead.

■ 137.3790,
-28.7480, 3.3800

■ 137.3790,
-28.7480, 3.3800

■ 255.0000, -0.0000,
-0.0000

■ 111.2650,
-28.4270, 3.0690

■ 191.3080,
-29.9860, 3.7900

■ 86.7380, -28.3810,
2.2350

■ 218.8520,
-28.7020, 2.5460

■ 62.0260, -29.2520,
1.5000

■ 243.9590,
-19.1180, -5.9500

■ 37.5200, -33.6990,
-0.5070

■ 253.8040, -2.3840,
-0.8480

■ 21.6630, -23.7960,
1.7400

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,

0.0000

■ 137.3790,
-28.7480, 3.3800

■ 137.3790,
-28.7480, 3.3800

■ 126.7140,
-37.0010, 4.2710

■ 147.7450,
-21.0910, 2.2770

■ 116.3480,
-44.6580, 5.3740

■ 158.4100,
-12.8380, 1.3860

■ 105.6830,
-52.9110, 6.2650

■ 168.7760, -5.1810,
0.2830

■ 95.9040, -60.8430,
6.8450

■ 179.4410, 3.0720,
-0.6080

■ 85.5380, -68.5000,
7.9480

■ 189.2200, 11.0040,
-1.1880

■ 74.8730, -76.7530,
8.8390

■ 199.8850, 19.2570,
-2.0790

■ 70.4320, -79.8250,
9.4470

■ 210.2510, 26.9140,
-3.1820

■ 220.9160, 35.1670,
-4.0730

■ 227.0960, 34.4800,
-8.1440

Harmonies

Analogous

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



133.8350, -39.2000, -5.4400



137.3790, -28.7480, 3.3800



141.1040, -11.5560, 11.1960

Triad

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



137.3790, -28.7480, 3.3800



142.5370, 29.5250, 10.0770



135.2080, -7.0580, -15.2660

Complementary

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



137.3790, -28.7480, 3.3800



149.6210, 28.7480, -3.3800

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.



137.7000, 9.1720, -12.0440



137.3790, -28.7480, 3.3800



140.7940, 29.9390, 2.5710

Square

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



137.3790, -28.7480, 3.3800



142.8060, 21.6380, 15.3500



139.6310, 22.7880, -5.5000



133.2260, -24.6640, -15.5760

Rectangle

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



137.3790, -28.7480, 3.3800



142.5570, 0.4100, 14.6020



139.6310, 22.7880, -5.5000



136.2580, -1.3270, -14.5030

Sweetspot

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



137.3790, -28.7480, 3.3800



211.8940, -11.3250, 1.4990



152.5150, -27.2760, -23.3080



105.8190, -6.7400, 1.0040



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



137.3790, -28.7480, 3.3800



168.3480, -44.6580, 5.3740



119.1820, -20.2230, 19.5930



81.3740, -3.9890, 0.7070



60.5380, -68.5000, 7.9480



9.0790, -10.4080, 1.4000

Inverse Universe

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



134.3710, 27.5970, 22.9970



163.7740, 43.0000, 35.7040



167.8180, 20.2230, -19.5930



81.1470, 4.0800, 3.1520



53.2860, 65.6460, 54.8140



8.1310, 10.1770, 8.2970

Previews

White Background



This preview shows how the YIQ color 137.3790, -28.7480, 3.3800 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 137.3790, -28.7480, 3.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

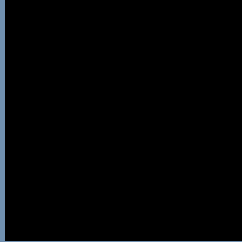
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

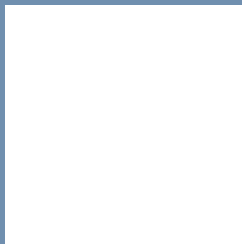
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 137.3790, -28.7480, 3.3800

Background



This preview shows how black text looks on a background with the YIQ color 137.3790, -28.7480, 3.3800.

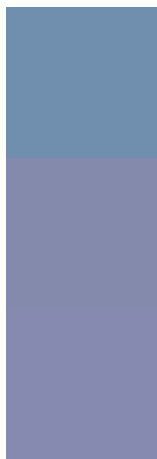


This preview shows how white text looks on a background with the YIQ color 137.3790, -28.7480,

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

137.3790, -28.7480, 3.3800

Protanopia

140.0820, -14.4900, 9.3020

Deuteranopia

140.5490, -14.3070, 11.4930



Tritanopia

136.0060, -26.5000, -4.3240

Trichromacy



Original Color

137.3790, -28.7480, 3.3800

Protanomaly

139.2770, -19.5330, 7.0830

Deuteranomaly

139.3310, -19.6250, 8.7510

Tritanomaly

136.4020, -27.5550, -1.7230

Monochromacy



Original Color

137.3790, -28.7480, 3.3800

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0790, -10.4080, 1.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3790, -28.7480, 3.3800 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(112, 143, 175)` looks like.

```
.text, #text, p{  
    color:rgb(112, 143, 175)  
}
```

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(112, 143, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 143, 175) }
```

Border

The CSS property to change the border of an element to YIQ 137.3790, -28.7480, 3.3800 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(112, 143, 175) }
```


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

```
.border{ border-color:rgb(112, 143, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 143, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 143, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 143, 175);  
box-shadow:4px 4px 4px 4px rgb(112, 143,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3790, -28.7480, 3.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 143, 175) }
```

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

```
.background{ background-color: rgb(112,  
143, 175) }
```

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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