

Converting Colors

YIQ(137.6320, -30.5380,
13.7980)

Have a look what the booklet for
YIQ(137.6320, -30.5380, 13.7980)
contains.

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Color

**YIQ(137.6320, -30.5380,
13.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	7589C3
RGB	117, 137, 195
RGB Percent	46%, 54%, 76%
CMY	0.5412, 0.4627, 0.2355
CMYK	0.40, 0.30, 0.00, 0.24
HSL	225°, 39%, 61%
HSV	225°, 40%, 76%
XYZ	26.1281, 25.6137, 55.1715
YIQ	137.6320, -30.5380, 13.7980

Conversions

Conversions Part 2

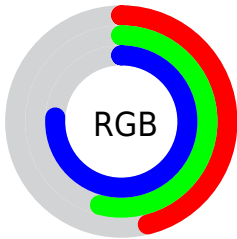
Format	Color
R_{YB}	117, 133, 195
Decimal	7702979
CIE Lab	57.67, 7.57, -32.43
CIE LCh	58, 33.304, 283.139
Yxy	25.6137, 0.2444, 0.2396
Android (android.graphics.Color)	4285893059 (0xFF7589C3)
YUV	137.6320, 28.2824, -18.0943
Hunter-Lab	50.6100, 3.5858, -29.2069

Details

The YIQ color $137.6320, -30.5380, 13.7980$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $174.3680, 30.5380, -13.7980$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $191.6860, -30.6300, 15.4660$, and $86.2790, -31.0420, 11.9180$ is the 20% darker color. If you saturate the color by 10%, you get $123.7330, -38.0120, 17.0920$, and if you desaturate by 10%, it is $152.1180, -23.3390, 9.9810$.

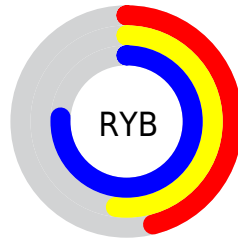
Distribution



Red (46%)

Green (54%)

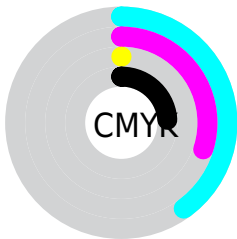
Blue (76%)



Red (46%)

Yellow (52%)

Blue (76%)

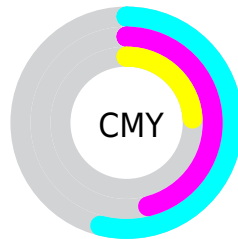


Cyan (40%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.6320, -30.5380, 13.7980 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 137.6320, -30.5380, 13.7980 by changing the saturation by 10% instead.

■ 137.6320,
-30.5380, 13.7980

■ 137.6320,
-30.5380, 13.7980

■ 255.0000, -0.0000,
-0.0000

■ 111.8060,
-31.0880, 12.7520

■ 191.6860,
-30.6300, 15.4660

■ 86.2790, -31.0420,
11.9180

■ 216.8360,
-22.6050, 7.6910

■ 61.7410, -32.4630,
10.1370

■ 241.6440,
-13.6170, -1.0170

■ 35.5010, -40.7150,
5.5010

■ 21.1390, -27.8320,
8.8080

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 137.6320,
-30.5380, 13.7980

■ 137.6320,
-30.5380, 13.7980

■ 123.7330,
-38.0120, 17.0920

■ 152.1180,
-23.3390, 9.9810

■ 108.9480,
-45.8070, 20.6970

■ 166.3160,
-15.2690, 6.8990

■ 95.0490, -53.2810,
23.9910

■ 180.2150, -7.7950,
3.6050

■ 80.2640, -61.0760,
27.5960

■ 195.0000, -0.0000,
0.0000

■ 66.3650, -68.5500,
30.8900

■ 208.8990, 7.4740,
-3.2940

■ 51.5800, -76.3450,
34.4950

■ 223.6840, 15.2690,
-6.8990

■ 237.5830, 22.7430,
-10.1930

■ 246.9860, 19.8100,
-17.6140

■ 248.1600, 19.2600,
-18.6600

Harmonies

Analogous

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



127.2530, -63.6840, -2.2440



137.6320, -30.5380, 13.7980



141.8380, 1.4170, 23.8890

Triad

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



137.6320, -30.5380, 13.7980



139.2370, 47.8650, 8.0970



126.0300, -36.2160, -26.4880

Complementary

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



137.6320, -30.5380, 13.7980



174.3680, 30.5380, -13.7980

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.



131.4930, -3.8470, -23.9030



137.6320, -30.5380, 13.7980



137.7870, 39.8440, -6.2360

Square

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



137.6320, -30.5380, 13.7980



140.8750, 43.5530, 20.1690



135.3560, 21.6440, -17.8120



115.9840, -74.1330, -27.6450

Rectangle

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



137.6320, -30.5380, 13.7980



142.4720, 20.1230, 26.2910



135.3560, 21.6440, -17.8120



128.1900, -24.9830, -26.3190

Sweetspot

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



137.6320, -30.5380, 13.7980



230.1160, -11.8300, 5.1460



169.2840, -39.7470, -23.0670



114.4000, -6.8780, 3.5060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



137.6320, -30.5380, 13.7980



162.9910, -47.3660, 21.4180



131.2740, -14.3100, 28.0740



89.9010, -4.0350, 1.5410



42.4210, -62.9560, 28.6280



9.0450, -13.0680, 5.5560

Inverse Universe

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



142.6020, 40.0680, 22.7560



170.7130, 62.1650, 35.2930



180.7260, 14.3100, -28.0740



90.3320, 4.9970, 3.0530



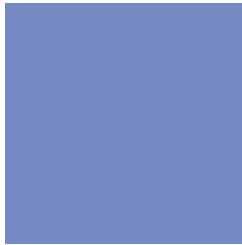
52.8130, 82.7950, 46.8830



10.8930, 16.7790, 9.7950

Previews

White Background



This preview shows how the YIQ color 137.6320, -30.5380, 13.7980 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 137.6320, -30.5380, 13.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

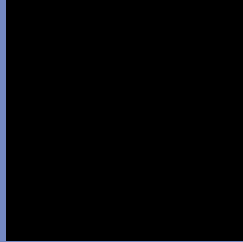
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

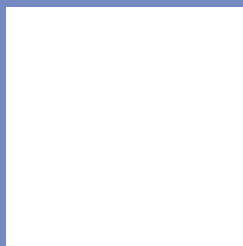
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 137.6320, -30.5380, 13.7980

Background



This preview shows how black text looks on a background with the YIQ color 137.6320, -30.5380, 13.7980.



This preview shows how white text looks on a background with the YIQ color 137.6320, -30.5380, 13.7980.

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

137.6320, -30.5380, 13.7980

Protanopia

137.8280, -28.1540, 14.6460

Deuteranopia

137.9310, -29.9420, 14.0100



Tritanopia

134.3050, -25.9040, -4.1120

Trichromacy



Original Color

137.6320, -30.5380, 13.7980

Protanomaly

137.5290, -28.7500, 14.4340

Deuteranomaly

137.9310, -29.9420, 14.0100

Tritanomaly

135.3360, -27.1890, 2.6590

Monochromacy



Original Color

137.6320, -30.5380, 13.7980

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0020, -11.5090, 4.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.6320, -30.5380, 13.7980 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(117, 137, 195)` looks like.

```
.text, #text, p{  
    color:rgb(117, 137, 195)  
}
```

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(117, 137, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 137, 195) }
```

Border

The CSS property to change the border of an element to YIQ 137.6320, -30.5380, 13.7980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

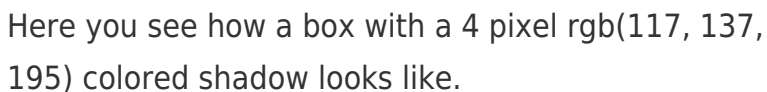
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 137, 195) }
```


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

```
.border{ border-color:rgb(117, 137, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 137, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 137, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 137, 195); box-shadow:4px 4px 4px 4px rgb(117, 137, 195) }
```

Background

The CSS property to change the background color of an element to YIQ 137.6320, -30.5380, 13.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 137, 195) }
```

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

```
.background{ background-color: rgb(117,  
137, 195) }
```

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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