

Converting Colors

YIQ(131.3620, -12.8830,
-3.3070)

Have a look what the booklet for
YIQ(131.3620, -12.8830, -3.3070)
contains.

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Color

**YIQ(131.3620, -12.8830,
-3.3070)**

Conversions

Conversions Part 1

Format	Color
Hex	75898C
RGB	117, 137, 140
RGB Percent	46%, 54%, 55%
CMY	0.5412, 0.4627, 0.4510
CMYK	0.16, 0.02, 0.00, 0.45
HSL	188°, 9%, 50%
HSV	188°, 16%, 55%
XYZ	21.0140, 23.5679, 28.2472
YIQ	131.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

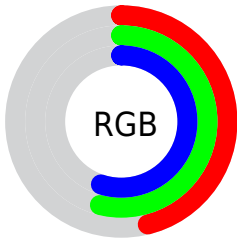
Format	Color
R_{YB}	117, 128, 140
Decimal	7702924
CIE Lab	55.65, -6.51, -4.02
CIE LCh	56, 7.648, 211.686
Yxy	23.5679, 0.2885, 0.3236
Android (android.graphics.Color)	4285893004 (0xFF75898C)
YUV	131.3620, 4.2585, -12.5955
Hunter-Lab	48.5467, -7.6910, -0.5155

Details

The YIQ color $131.3620, -12.8830, -3.3070$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $125.6380, 12.8830, 3.3070$, and the grayscale version is $131.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $184.1770, -13.8000, -3.2080$, and $81.6610, -12.2870, -3.0950$ is the 20% darker color. If you saturate the color by 10%, you get $126.0020, -20.6770, -5.2290$, and if you desaturate by 10%, it is $136.7220, -5.0890, -1.3850$.

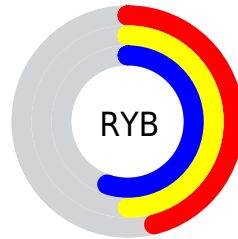
Distribution



Red (46%)

Green (54%)

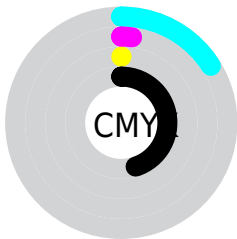
Blue (55%)



Red (46%)

Yellow (50%)

Blue (55%)

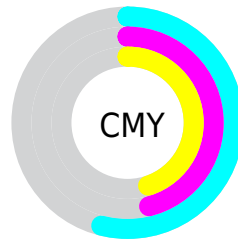


Cyan (16%)

Magenta (2%)

Yellow (0%)

Black (45%)



Cyan (54%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.3620, -12.8830, -3.3070 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 131.3620, -12.8830, -3.3070 by changing the saturation by 10% instead.

■ 131.3620,
-12.8830, -3.3070

■ 131.3620,
-12.8830, -3.3070

■ 255.0000, -0.0000,
-0.0000

■ 106.3620,
-12.8830, -3.3070

■ 184.0630,
-13.4790, -3.5190

■ 81.6610, -12.2870,
-3.0950

■ 212.0630,
-13.4790, -3.5190

■ 58.9600, -11.6910,
-2.8830

■ 240.7640,
-14.0750, -3.7310

■ 36.9600, -11.6910,
-2.8830

■ 254.4020, -1.1920,
-0.4240

■ 15.6500, -13.7540,
-4.0420

■ 0.0000, 0.0000,
0.0000

■ 131.3620,
-12.8830, -3.3070

■ 131.3620,
-12.8830, -3.3070

■ 126.0020,
-20.6770, -5.2290

■ 136.7220, -5.0890,
-1.3850

■ 120.6420,
-28.4710, -7.1510

■ 142.0820, 2.7050,
0.5370

■ 115.8690,
-36.5400, -9.5960

■ 146.8550, 10.7740,
2.9820

■ 110.5090,
-44.3340, -11.5180

■ 152.2150, 18.5680,
4.9040

■ 105.1490,
-52.1280, -13.4400

■ 157.5750, 26.3620,
6.8260

■ 99.7890, -59.9220,
-15.3620

■ 162.9350, 34.1560,
8.7480

■ 94.4290, -67.7160,
-17.2840

■ 168.2950, 41.9500,
10.6700

■ 89.6560, -75.7850,

■ 173.6550, 49.7440,

-19.7290

12.5920

■ 87.5740, -78.4900,
-20.2660

■ 178.4280, 57.8130,
15.0370

Harmonies

Analogous

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



130.8630, -10.0400, -5.2720



131.3620, -12.8830, -3.3070



132.2420, -12.4250, -0.5930

Triad

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



131.3620, -12.8830, -3.3070



135.0270, 4.5380, 5.8660



133.3120, 7.7490, -2.7710

Complementary

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



131.3620, -12.8830, -3.3070



125.6380, 12.8830, 3.3070

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.



134.1600, 11.2330, 0.1690



131.3620, -12.8830, -3.3070



134.8380, 9.4440, 5.0600

Square

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



131.3620, -12.8830, -3.3070



134.3790, -2.3850, 4.6790



134.4530, 11.9660, 3.4060



132.3220, 1.7890, -4.8910

Rectangle

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



131.3620, -12.8830, -3.3070



132.3780, -9.8120, 1.6120



134.4530, 11.9660, 3.4060



133.3230, 9.2160, -1.8240

Sweetspot

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



131.3620, -12.8830, -3.3070



177.7220, -5.0890, -1.3850



130.8430, -7.2880, -11.0960



89.6190, -3.3010, -0.7490



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



131.3620, -12.8830, -3.3070



167.3010, -20.0810, -5.0170



124.9050, -9.8580, 2.4460



66.3200, -3.8970, -0.9610



82.6670, -74.3180, -18.7820



2.9180, -2.7050, -0.5370

Inverse Universe

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



126.1570, 7.2880, 11.0960



159.2980, 11.5050, 17.2730



132.0950, 9.8580, -2.4460



64.7770, 2.2460, 3.3500



52.8770, 42.3530, 63.9610



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 131.3620, -12.8830, -3.3070 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 131.3620, -12.8830, -3.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

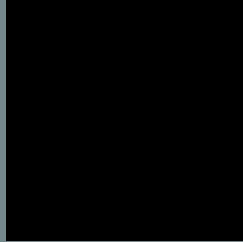
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.3620, -12.8830, -3.3070

Background



This preview shows how black text looks on a background with the YIQ color 131.3620, -12.8830, -3.3070.



This preview shows how white text looks on a background with the YIQ color 131.3620, -12.8830, -3.3070.

-3.3070.

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

131.3620, -12.8830, -3.3070

Protanopia

133.1680, -0.4130, 1.9790

Deuteranopia

134.3690, 3.5750, 6.7990



Tritanopia

131.8720, -14.2590, -0.3950

Trichromacy



Original Color

131.3620, -12.8830, -3.3070

Protanomaly

132.6620, -4.8600, -0.0280

Deuteranomaly

133.3250, -2.2930, 3.0110

Tritanomaly

131.5300, -13.2960, -1.3280

Monochromacy



Original Color

131.3620, -12.8830, -3.3070

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.0210, -4.4930, -1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.3620, -12.8830, -3.3070 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(117, 137, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 137, 140) }
```

Border

The CSS property to change the border of an element to YIQ 131.3620, -12.8830, -3.3070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

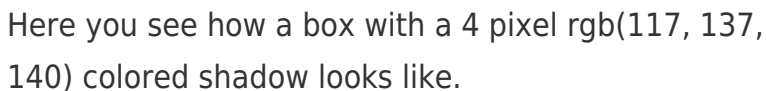
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 137, 140) }
```


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

```
.border{ border-color:rgb(117, 137, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 137, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 137, 140); box-shadow:4px 4px 4px 4px rgb(117, 137, 140) }
```

Background

The CSS property to change the background color of an element to YIQ 131.3620, -12.8830, -3.3070 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, 140) }
```

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

```
.background{ background-color: rgb(117,  
137, 140) }
```

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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