

Converting Colors

YIQ(140.2430, -4.9980, 2.4740)

Have a look what the booklet for
YIQ(140.2430, -4.9980, 2.4740)
contains.

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Color

**YIQ(140.2430, -4.9980,
2.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	898C96
RGB	137, 140, 150
RGB Percent	54%, 55%, 59%
CMY	0.4627, 0.4510, 0.4118
CMYK	0.09, 0.07, 0.00, 0.41
HSL	226°, 6%, 56%
HSV	226°, 9%, 59%
XYZ	25.1992, 26.2767, 32.5950
YIQ	140.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

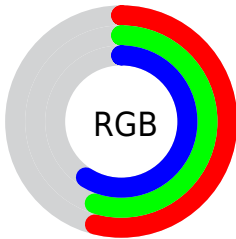
Format	Color
R_{YB}	137, 139, 150
Decimal	9014422
CIE Lab	58.30, 0.95, -5.69
CIE LCh	58, 5.769, 279.525
Yxy	26.2767, 0.2997, 0.3126
Android (android.graphics.Color)	4287204502 (0xFF898C96)
YUV	140.2430, 4.8102, -2.8441
Hunter-Lab	51.2608, -1.9578, -1.8179

Details

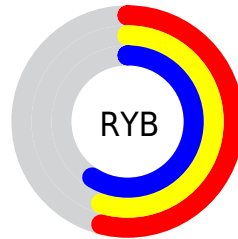
The YIQ color $140.2430, -4.9980, 2.4740$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $146.7570, 4.9980, -2.4740$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.9440, -5.5940, 2.2620$, and $90.1290, -4.6770, 2.1630$ is the 20% darker color. If you saturate the color by 10%, you get $128.7140, -10.6380, 5.5700$, and if you desaturate by 10%, it is $151.7720, 0.6420, -0.6220$.

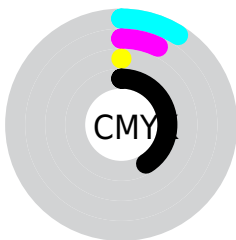
Distribution



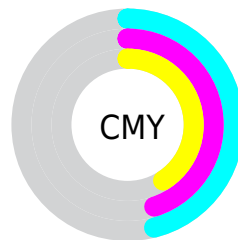
- Red (54%)
- Green (55%)
- Blue (59%)



- Red (54%)
- Yellow (55%)
- Blue (59%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (46%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.2430, -4.9980, 2.4740 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 140.2430, -4.9980, 2.4740 by changing the saturation by 10% instead.

■ 140.2430, -4.9980,
2.4740

■ 140.2430, -4.9980,
2.4740

■ 255.0000, -0.0000,
-0.0000

■ 115.1290, -4.6770,
2.1630

■ 193.9440, -5.5940,
2.2620

■ 90.1290, -4.6770,
2.1630

■ 221.3570, -5.3190,
2.7850

■ 67.0150, -4.3560,
1.8520

■ 249.6730, -3.3930,
0.9190

■ 45.0150, -4.3560,
1.8520

■ 24.0150, -4.3560,
1.8520

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,

0.0000

■ 140.2430, -4.9980,
2.4740

■ 140.2430, -4.9980,
2.4740

■ 128.7140,
-10.6380, 5.5700

■ 151.7720, 0.6420,
-0.6220

■ 117.7720,
-16.5530, 8.1430

■ 162.7140, 6.5570,
-3.1950

■ 106.2430,
-22.1930, 11.2390

■ 174.2430, 12.1970,
-6.2910

■ 95.3010, -28.1080,
13.8120

■ 185.1850, 18.1120,
-8.8640

■ 83.7720, -33.7480,
16.9080

■ 196.7140, 23.7520,
-11.9600

■ 72.8300, -39.6630,
19.4810

■ 207.6560, 29.6670,
-14.5330

■ 61.3010, -45.3030,
22.5770

■ 219.1850, 35.3070,
-17.6290

■ 50.3590, -51.2180,
25.1500

■ 229.5290, 40.0300,
-20.6260

■ 38.8300, -56.8580,
28.2460

■ 236.5730, 36.7300,
-26.9020

Harmonies

Analogous

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



139.5090, -8.8030, -0.1550



140.2430, -4.9980, 2.4740



140.6350, -0.2300, 4.1700

Triad

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



140.2430, -4.9980, 2.4740



140.8440, 9.3070, 2.0350



138.9130, -4.3090, -4.5090

Complementary

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



140.2430, -4.9980, 2.4740



146.7570, 4.9980, -2.4740

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.



139.3650, 0.2300, -4.1700



140.2430, -4.9980, 2.4740



140.7790, 7.9320, -0.5800

Square

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



140.2430, -4.9980, 2.4740



141.4140, 7.7020, 3.5900



139.7570, 4.9980, -2.4740



138.4010, -8.6190, -3.4910

Rectangle

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



140.2430, -4.9980, 2.4740



141.4890, 3.1170, 4.0850



139.7570, 4.9980, -2.4740



139.0980, -3.3920, -4.6080

Sweetspot

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



140.2430, -4.9980, 2.4740



189.2710, -2.2010, 1.3430



145.7710, -6.7850, -3.6890



94.0430, -1.5590, 0.7210



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



140.2430, -4.9980, 2.4740



179.2150, -7.7950, 3.6050



139.3790, -2.3850, 4.6790



68.3850, -2.5220, 1.6540



34.5160, -53.0980, 26.1820



2.3140, -3.7600, 2.0640

Inverse Universe

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



141.2290, 6.7850, 3.6890



180.5500, 10.3150, 5.7950



147.6210, 2.3850, -4.6790



69.2070, 3.8510, 1.7950



44.9100, 71.9760, 39.2080



3.2180, 5.3180, 2.7420

Previews

White Background



This preview shows how the YIQ color 140.2430, -4.9980, 2.4740 looks on a white background.

Color Contrast Check

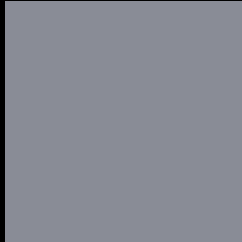
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.2430, -4.9980, 2.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

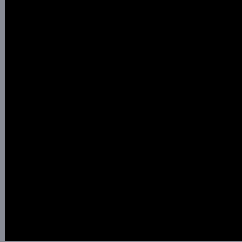
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.2430, -4.9980, 2.4740

Background



This preview shows how black text looks on a background with the YIQ color 140.2430, -4.9980, 2.4740.



This preview shows how white text looks on a background with the YIQ color 140.2430, -4.9980,

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

140.2430, -4.9980, 2.4740

Protanopia

140.4390, -2.6140, 3.3220

Deuteranopia

141.5970, 2.9330, 7.4210



Tritanopia

140.3570, -5.3190, 2.7850

Trichromacy



Original Color

140.2430, -4.9980, 2.4740

Protanomaly

140.1400, -3.2100, 3.1100

Deuteranomaly

140.9880, 0.2740, 6.0500

Tritanomaly

140.3570, -5.3190, 2.7850

Monochromacy



Original Color

140.2430, -4.9980, 2.4740

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1570, -1.8800, 1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.2430, -4.9980, 2.4740 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(137, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(137, 140, 150)  
}
```

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(137, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 140, 150) }
```

Border

The CSS property to change the border of an element to YIQ 140.2430, -4.9980, 2.4740 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(137, 140, 150) }
```


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

```
.border{ border-color:rgb(137, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(137, 140,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 140.2430, -4.9980, 2.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 140, 150) }
```

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

```
.background{ background-color: rgb(137,  
140, 150) }
```

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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