

Converting Colors

YIQ(140.4090, 31.3200,
-27.9760)

Have a look what the booklet for
YIQ(140.4090, 31.3200, -27.9760)
contains.

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Color

**YIQ(140.4090, 31.3200,
-27.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	99963A
RGB	153, 150, 58
RGB Percent	60%, 59%, 23%
CMY	0.4001, 0.4118, 0.7723
CMYK	0.00, 0.02, 0.62, 0.40
HSL	58°, 45%, 41%
HSV	58°, 62%, 60%
XYZ	24.8056, 28.8893, 8.2784
YIQ	140.4090, 31.3200, -27.9760

Conversions

Conversions Part 2

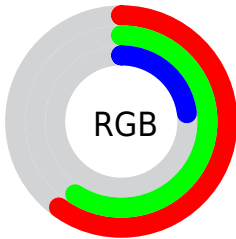
Format	Color
RYB	61, 153, 58
Decimal	10065466
CIELab	60.68, -11.01, 47.49
CIELCh	61, 48.745, 103.051
Yxy	28.8893, 0.4003, 0.4662
Android (android.graphics.Color)	4288255546 (0xFF99963A)
YUV	140.4090, -40.6276, 11.0423
Hunter-Lab	53.7487, -11.6808, 28.4922

Details

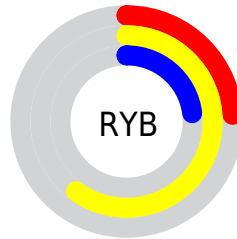
The YIQ color **140.4090, 31.3200, -27.9760** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **70.5910, -31.3200, 27.9760**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.6650, 33.4750, -28.4850**, and **87.7140, 31.7790, -30.7890** is the 20% darker color. If you saturate the color by 10%, you get **138.6990, 36.1350, -32.6410**, and if you desaturate by 10%, it is **142.1190, 26.5050, -23.3110**.

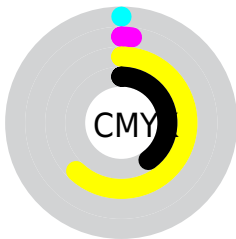
Distribution



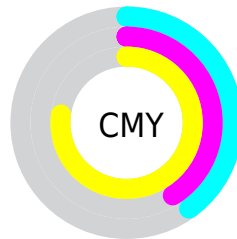
- Red (60%)
- Green (59%)
- Blue (23%)



- Red (24%)
- Yellow (60%)
- Blue (23%)



- Cyan (0%)
- Magenta (2%)
- Yellow (62%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.4090, 31.3200, -27.9760 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 140.4090, 31.3200, -27.9760 by changing the saturation by 10% instead.

140.4090, 31.3200,
-27.9760

140.4090, 31.3200,
-27.9760

255.0000, -0.0000,
-0.0000

114.1100, 30.7240,
-28.1880

194.6650, 33.4750,
-28.4850

87.7140, 31.7790,
-30.7890

223.1490, 34.9880,
-28.3720

66.4390, 22.6080,
-24.2720

244.5120, 29.5320,
-28.6120

45.4630, 14.0330,
-17.5430

247.5900, 20.8650,
-20.2150

25.9600, 5.5040,
-11.6480

250.8960, 11.5560,
-11.1960

2.9350, -1.3750,
-2.6150

254.2020, 2.2470,

0.0000, 0.0000,

-2.1770

0.0000

■ 140.4090, 31.3200,
-27.9760

■ 140.4090, 31.3200,
-27.9760

■ 138.6990, 36.1350,
-32.6410

■ 142.1190, 26.5050,
-23.3110

■ 136.2880, 41.5460,
-37.0940

■ 144.5300, 21.0940,
-18.8580

■ 134.5780, 46.3610,
-41.7590

■ 146.2400, 16.2790,
-14.1930

■ 132.6230, 50.4880,
-44.9680

■ 148.5370, 11.1890,
-10.0510

■ 150.3610, 6.0530,
-5.0750

■ 152.6580, 0.9630,
-0.9330

■ 154.3680, -3.8520,
3.7320

■ 156.6650, -8.9420,
7.8740

■ 158.4890,
-14.0780, 12.8500

Harmonies

Analogous

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



143.4220, 56.8090, -10.8310



140.4090, 31.3200, -27.9760



134.5490, -7.4210, -36.2290

Triad

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



140.4090, 31.3200, -27.9760



120.1110, -110.8590, -22.8510



149.7400, 40.3400, 39.8600

Complementary

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



140.4090, 31.3200, -27.9760



70.5910, -31.3200, 27.9760

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.



150.5150, 1.3690, 35.7770



140.4090, 31.3200, -27.9760



118.7380, -116.6380, -11.7260

Square

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



140.4090, 31.3200, -27.9760



117.3120, -98.8440, -36.8600



143.0290, -50.5290, 18.1670



146.5620, 63.9080, 31.2360

Rectangle

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



140.4090, 31.3200, -27.9760



127.4770, -42.4490, -40.1850



143.0290, -50.5290, 18.1670



150.5800, 29.1070, 39.6910

Sweetspot

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



140.4090, 31.3200, -27.9760



194.0810, 12.4730, -11.2950



86.7470, 55.6570, 21.0730



96.4920, 7.0620, -6.8420



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



140.4090, 31.3200, -27.9760



179.3070, 48.5620, -43.1020



129.0140, 4.2710, -38.8730



75.5010, 2.8430, -1.9650



121.6920, 46.0400, -41.4480



10.9310, 4.4480, -3.5200

Inverse Universe

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



70.5910, -31.3200, 27.9760



71.1060, -48.2870, 43.6250



81.9860, -4.2710, 38.8730



69.9120, -2.5680, 2.4880



18.3080, -46.0400, 41.4480



1.4820, -4.1730, 4.0430

Previews

White Background



This preview shows how the YIQ color 140.4090, 31.3200, -27.9760 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 140.4090, 31.3200, -27.9760 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 140.4090, 31.3200, -27.9760

Background



This preview shows how black text looks on a background with the YIQ color 140.4090, 31.3200, -27.9760.



This preview shows how white text looks on a background with the YIQ color 140.4090, 31.3200, -27.9760.

-27.9760.

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

140.4090, 31.3200, -27.9760

Protanopia

141.5240, 38.4260, -24.5980

Deuteranopia

142.9650, 50.6660, -15.1420



Tritanopia

148.5330, 8.9850, 7.8730

Trichromacy



Original Color

140.4090, 31.3200, -27.9760

Protanomaly

140.9150, 35.7670, -25.9690

Deuteranomaly

141.9100, 43.3310, -19.8770

Tritanomaly

145.5210, 17.2860, -4.9060

Monochromacy



Original Color

140.4090, 31.3200, -27.9760

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.4230, 11.5100, -10.3620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.4090, 31.3200, -27.9760 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(153, 150, 58)` looks like.

```
.text, #text, p{  
    color:rgb(153, 150, 58)  
}
```

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(153, 150, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 150, 58) }
```

Border

The CSS property to change the border of an element to YIQ 140.4090, 31.3200, -27.9760 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(153, 150, 58) }
```


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

```
.border{ border-color:rgb(153, 150, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 150, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 150, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 150, 58);  
box-shadow:4px 4px 4px 4px rgb(153, 150,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 140.4090, 31.3200, -27.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 150, 58) }
```

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

```
.background{ background-color: rgb(153,  
150, 58) }
```

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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