

Converting Colors

YIQ(123.7440, -49.1360,
-78.7040)

Have a look what the booklet for
YIQ(123.7440, -49.1360, -78.7040)
contains.

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Color

**YIQ(123.7440, -49.1360,
-78.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	1CBC2C
RGB	28, 188, 44
RGB Percent	11%, 74%, 17%
CMY	0.8907, 0.2625, 0.8275
CMYK	0.85, 0.00, 0.77, 0.26
HSL	126°, 74%, 42%
HSV	126°, 85%, 74%
XYZ	18.9273, 36.4219, 8.4133
YIQ	123.7440, -49.1360, -78.7040

Conversions

Conversions Part 2

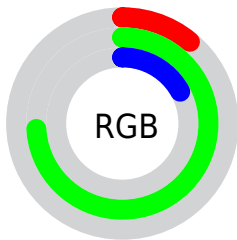
Format	Color
RYB	28, 173, 188
Decimal	1883180
CIELab	66.84, -65.09, 57.64
CIElCh	67, 86.948, 138.473
Yxy	36.4219, 0.2968, 0.5712
Android (android.graphics.Color)	4280073260 (0xFF1CBC2C)
YUV	123.7440, -39.3138, -83.9675
Hunter-Lab	60.3506, -49.6317, 33.9799

Details

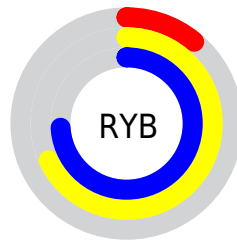
The YIQ color **123.7440, -49.1360, -78.7040** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **92.2560, 49.1360, 78.7040**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.4960, -36.5740, -75.0860**, and **78.0710, -36.5750, -69.5590** is the 20% darker color. If you saturate the color by 10%, you get **116.1250, -55.0030, -88.0190**, and if you desaturate by 10%, it is **131.3630, -43.2690, -69.3890**.

Distribution



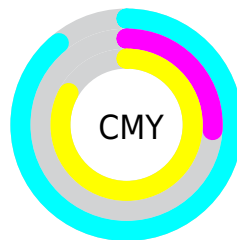
- Red (11%)
- Green (74%)
- Blue (17%)



- Red (11%)
- Yellow (68%)
- Blue (74%)



- Cyan (85%)
- Magenta (0%)
- Yellow (77%)
- Black (26%)



- Cyan (89%)
- Magenta (26%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.7440, -49.1360, -78.7040 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 123.7440, -49.1360, -78.7040 by changing the saturation by 10% instead.


 123.7440,
-49.1360, -78.7040

 123.7440,
-49.1360, -78.7040


 255.0000, -0.0000,
-0.0000

 94.3760, -45.2840,
-82.4360


 187.4960,
-36.5740, -75.0860

 78.0710, -36.5750,
-69.5590


 205.4250,
-28.6440, -64.6120


 62.8090, -29.4250,
-55.9610


 217.5870,
-19.7520, -49.5440

 47.5470, -22.2750,
-42.3630

 230.0480,
-10.2640, -34.2640

 33.4590, -15.6750,
-29.8110

 242.3240, -1.6930,
-18.8850

 18.7840, -8.8000,
-16.7360

 253.4040, 4.4940,

 0.0000, 0.0000,

-4.3540

0.0000

■ 123.7440,
-49.1360, -78.7040

■ 123.7440,
-49.1360, -78.7040

■ 116.1250,
-55.0030, -88.0190

■ 131.3630,
-43.2690, -69.3890

■ 112.5220,
-57.7990, -92.4150

■ 138.6830,
-37.9980, -60.2860

■ 146.3020,
-32.1310, -50.9710

■ 153.9210,
-26.2640, -41.6560

■ 161.5400,
-20.3970, -32.3410

■ 169.0450,
-14.2090, -23.3370

■ 176.6640, -8.3420,
-14.0220

■ 183.9840, -3.0710,
-4.9190

■ 191.6030, 2.7960,
4.3960

Harmonies

Analogous

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



146.9880, 41.5500, -59.2020



123.7440, -49.1360, -78.7040



129.1710, -95.0340, -61.8660

Triad

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



123.7440, -49.1360, -78.7040



135.3170, -131.6300, -15.3580



132.5480, 94.0270, 52.5790

Complementary

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



123.7440, -49.1360, -78.7040



92.2560, 49.1360, 78.7040

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.



142.0270, 68.7140, 76.3140



123.7440, -49.1360, -78.7040



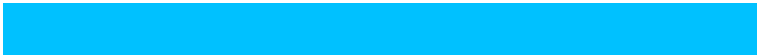
141.8820, -80.9720, 13.7160

Square

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



123.7440, -49.1360, -78.7040



142.3610, -134.9300, -21.6340



164.1380, 19.7490, 66.1250



146.1900, 107.9730, 9.0690

Rectangle

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



123.7440, -49.1360, -78.7040



136.6150, -113.2390, -45.8070



164.1380, 19.7490, 66.1250



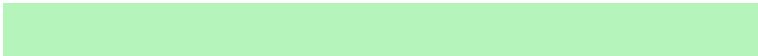
131.4030, 87.6060, 64.3260

Sweetspot

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



123.7440, -49.1360, -78.7040



219.3660, -19.8470, -31.2950



164.9760, 41.8240, -53.1520



106.7620, -11.7340, -18.6300



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



123.7440, -49.1360, -78.7040



146.6650, -75.4000, -120.3600



132.8640, -74.8160, -53.8240



90.3970, -2.7960, -4.3960



94.5700, -48.5860, -77.6580



18.5390, -9.4880, -15.2800

Inverse Universe

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



92.2560, 49.1360, 78.7040



98.3350, 75.4000, 120.3600



83.1360, 74.8160, 53.8240



88.6030, 2.7960, 4.3960



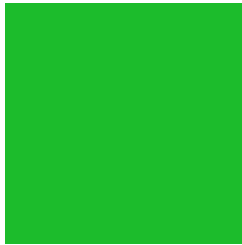
63.4300, 48.5860, 77.6580



12.4610, 9.4880, 15.2800

Previews

White Background



This preview shows how the YIQ color 123.7440, -49.1360, -78.7040 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 123.7440, -49.1360, -78.7040 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 ✓ Pass

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

YIQ 123.7440, -49.1360, -78.7040 Background



This preview shows how black text looks on a background with the YIQ color 123.7440, -49.1360, -78.7040.



This preview shows how white text looks on a background with the YIQ color 123.7440, -49.1360, -78.7040.

-78.7040.

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

123.7440, -49.1360, -78.7040

Protanopia

153.4310, 51.4490, -34.8470

Deuteranopia

156.6360, 58.7820, -19.0580



Tritanopia

148.4900, -60.5180, -15.5740

Trichromacy



Original Color

123.7440, -49.1360, -78.7040



Protanomaly

142.3120, 14.6350, -50.4930



Deuteranomaly

144.8600, 19.2640, -40.7680



Tritanomaly

139.7020, -56.2040, -38.7000

Monochromacy



Original Color

123.7440, -49.1360, -78.7040



Achromatopsia

124.0000, -0.0000, -0.0000



Achromatomaly

123.7300, -17.8760, -28.4680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.7440, -49.1360, -78.7040 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(28, 188, 44)` looks like.

```
.text, #text, p{  
    color:rgb(28, 188, 44)  
}
```

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(28, 188, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 188, 44) }
```

Border

The CSS property to change the border of an element to YIQ 123.7440, -49.1360, -78.7040 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(28, 188, 44) }
```


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

```
.border{ border-color:rgb(28, 188, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 188, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 188, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 188, 44);  
box-shadow:4px 4px 4px 4px rgb(28, 188,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 123.7440, -49.1360, -78.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 188, 44) }
```

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

```
.background{ background-color: rgb(28, 188,  
44) }
```

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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