

Converting Colors

YIQ(145.4070, -16.7830,
12.3130)

Have a look what the booklet for
YIQ(145.4070, -16.7830, 12.3130)
contains.

YIQ(145.4070, -16.7830, 12.3130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(145.4070, -16.7830,
12.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	898EB9
RGB	137, 142, 185
RGB Percent	54%, 56%, 73%
CMY	0.4627, 0.4431, 0.2746
CMYK	0.26, 0.23, 0.00, 0.27
HSL	234°, 26%, 63%
HSV	234°, 26%, 73%
XYZ	28.7447, 28.1671, 49.8066
YIQ	145.4070, -16.7830, 12.3130

Conversions

Conversions Part 2

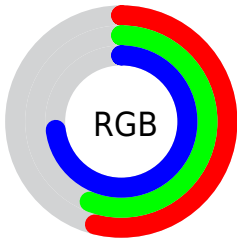
Format	Color
RYB	137, 142, 185
Decimal	9014969
CIELab	60.04, 7.86, -23.00
CIElCh	60, 24.305, 288.870
Yxy	28.1671, 0.2694, 0.2639
Android (android.graphics.Color)	4287205049 (0xFF898EB9)
YUV	145.4070, 19.5193, -7.3729
Hunter-Lab	53.0726, 3.8005, -18.4905

Details

The YIQ color $145.4070, -16.7830, 12.3130$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $176.5930, 16.7830, -12.3130$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $199.6350, -17.4250, 12.9350$, and $94.7660, -16.4160, 11.1680$ is the 20% darker color. If you saturate the color by 10%, you get $130.0460, -22.8360, 17.3880$, and if you desaturate by 10%, it is $161.0670, -10.1340, 7.4500$.

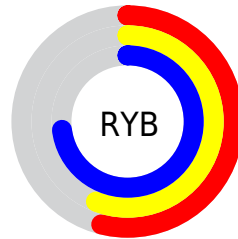
Distribution



Red (54%)

Green (56%)

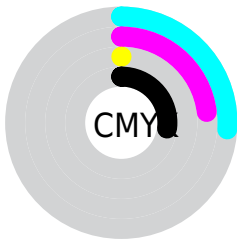
Blue (73%)



Red (54%)

Yellow (56%)

Blue (73%)

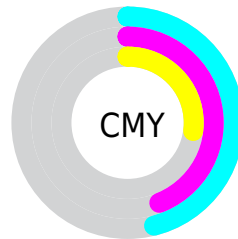


Cyan (26%)

Magenta (23%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.4070, -16.7830, 12.3130 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 145.4070, -16.7830, 12.3130 by changing the saturation by 10% instead.

■ 145.4070,
-16.7830, 12.3130

■ 145.4070,
-16.7830, 12.3130

■ 255.0000, -0.0000,
-0.0000

■ 119.2930,
-16.4620, 12.0020

■ 199.6350,
-17.4250, 12.9350

■ 94.7660, -16.4160,
11.1680

■ 226.0390,
-12.9310, 8.5810

■ 70.5380, -15.7740,
10.5460

■ 251.1460, -3.3470,
0.0850

■ 47.7120, -16.3240,
9.5000

■ 25.8750, -18.3410,
7.5070

■ 4.2180, -11.8770,
11.5070

■ 2.1830, -4.7690,

3.8310

■ 0.0000, 0.0000,
0.0000

■ 145.4070,
-16.7830, 12.3130

■ 145.4070,
-16.7830, 12.3130

■ 130.0460,
-22.8360, 17.3880

■ 161.0670,
-10.1340, 7.4500

■ 114.9730,
-29.7600, 21.7280

■ 175.8410, -3.8060,
2.8980

■ 99.6120, -35.8130,
26.8030

■ 191.2020, 2.2470,
-2.1770

■ 84.5390, -42.7370,
31.1430

■ 206.2750, 9.1710,
-6.5170

■ 69.1780, -48.7900,
36.2180

■ 221.6360, 15.2240,
-11.5920

■ 54.1050, -55.7140,
40.5580

■ 236.7090, 22.1480,
-15.9320

■ 38.7440, -61.7670,
45.6330

■ 247.0200, 22.4700,
-21.7700

■ 32.2430, -64.6100,
47.5980

Harmonies

Analogous

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



140.3610, -37.5050, 2.3910



145.4070, -16.7830, 12.3130



148.0030, 5.0860, 17.9660

Triad

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



145.4070, -16.7830, 12.3130



145.9580, 35.3490, 3.6450



136.3780, -28.1480, -18.5160

Complementary

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



145.4070, -16.7830, 12.3130



176.5930, 16.7830, -12.3130

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.



139.5130, -6.5990, -18.0790



145.4070, -16.7830, 12.3130



144.4420, 27.6940, -6.3060

Square

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



145.4070, -16.7830, 12.3130



146.9830, 34.2010, 13.4410



142.3860, 12.9320, -14.1080



134.3900, -45.6170, -15.8010

Rectangle

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



145.4070, -16.7830, 12.3130



148.1740, 17.7860, 19.0820



142.3860, 12.9320, -14.1080



137.0860, -21.4540, -18.6860

Sweetspot

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



145.4070, -16.7830, 12.3130



224.3400, -6.6490, 4.8630



169.9640, -26.6820, -12.0420



109.9550, -4.1270, 3.2090



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



145.4070, -16.7830, 12.3130



178.2460, -26.2750, 19.1410



147.8540, -4.6800, 18.7440



84.6130, -3.1640, 2.2760



27.1760, -54.4760, 40.1480



4.9530, -9.8130, 7.1390

Inverse Universe

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



151.9220, 27.0030, 11.7310



188.3370, 42.1320, 18.3880



174.1460, 4.6800, -18.7440



85.8050, 5.0430, 2.2190



48.4680, 87.8400, 38.0480



8.7140, 15.7250, 6.8690

Previews

White Background



This preview shows how the YIQ color 145.4070, -16.7830, 12.3130 looks on a white background.

Color Contrast Check

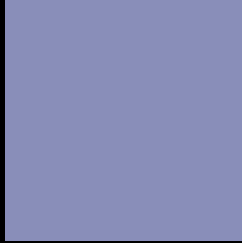
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.4070, -16.7830, 12.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

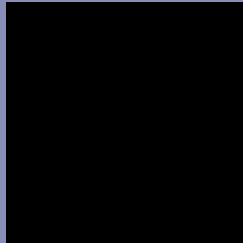
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.4070, -16.7830, 12.3130

Background



This preview shows how black text looks on a background with the YIQ color 145.4070, -16.7830, 12.3130.



This preview shows how white text looks on a background with the YIQ color 145.4070, -16.7830, 12.3130.

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

145.4070, -16.7830, 12.3130

Protanopia

145.2110, -19.1670, 11.4650

Deuteranopia

145.4070, -16.7830, 12.3130



Tritanopia

143.7690, -12.4710, 0.2410

Trichromacy



Original Color

145.4070, -16.7830, 12.3130

Protanomaly

145.5100, -18.5710, 11.6770

Deuteranomaly

145.4070, -16.7830, 12.3130

Tritanomaly

144.3330, -13.9390, 4.8210

Monochromacy



Original Color

145.4070, -16.7830, 12.3130

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.2260, -6.3280, 4.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.4070, -16.7830, 12.3130 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, 142, 185)` looks like.

```
.text, #text, p{  
    color:rgb(137, 142, 185)  
}
```

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, 142, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 142, 185) }
```

Border

The CSS property to change the border of an element to YIQ 145.4070, -16.7830, 12.3130 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, 142, 185) }
```


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

```
.border{ border-color:rgb(137, 142, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 142, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 142, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 142, 185);  
box-shadow:4px 4px 4px 4px rgb(137, 142,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 145.4070, -16.7830, 12.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 142, 185) }
```

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

```
.background{ background-color: rgb(137,  
142, 185) }
```

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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