

Converting Colors

YIQ(170.0740, -12.0120,
-2.5720)

Have a look what the booklet for
YIQ(170.0740, -12.0120, -2.5720)
contains.

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Color

**YIQ(170.0740, -12.0120,
-2.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	9DAFB3
RGB	157, 175, 179
RGB Percent	62%, 69%, 70%
CMY	0.3843, 0.3137, 0.2981
CMYK	0.12, 0.02, 0.00, 0.30
HSL	191°, 13%, 66%
HSV	191°, 12%, 70%
XYZ	37.3694, 41.0841, 48.6014
YIQ	170.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

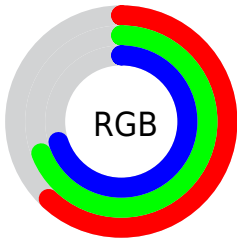
Format	Color
R_{YB}	157, 167, 179
Decimal	10334131
CIE _{Lab}	70.23, -5.41, -4.17
CIE _{LCh}	70, 6.827, 217.616
Yxy	41.0841, 0.2941, 0.3234
Android (android.graphics.Color)	4288524211 (0xFF9DAFB3)
YUV	170.0740, 4.4005, -11.4659
Hunter-Lab	64.0969, -8.1014, -0.0888

Details

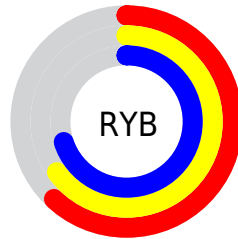
The YIQ color **170.0740, -12.0120, -2.5720** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165.9260, 12.0120, 2.5720**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7750, -12.6080, -2.7840**, and **118.2590, -11.0950, -2.6710** is the 20% darker color. If you saturate the color by 10%, you get **162.9310, -21.9150, -4.8190**, and if you desaturate by 10%, it is **177.2170, -2.1090, -0.3250**.

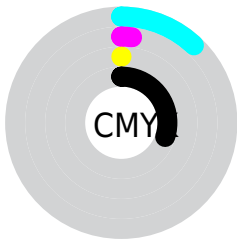
Distribution



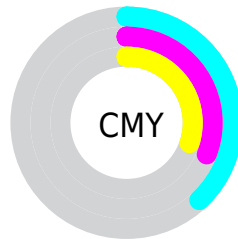
- Red (62%)
- Green (69%)
- Blue (70%)



- Red (62%)
- Yellow (65%)
- Blue (70%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.0740, -12.0120, -2.5720 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 170.0740, -12.0120, -2.5720 by changing the saturation by 10% instead.

■ 170.0740,
-12.0120, -2.5720

■ 170.0740,
-12.0120, -2.5720

■ 255.0000, -0.0000,
-0.0000

■ 143.3730,
-11.4160, -2.3600

■ 225.7750,
-12.6080, -2.7840

■ 118.2590,
-11.0950, -2.6710

■ 250.5150, -8.9400,
-3.1800

■ 93.2590, -11.0950,
-2.6710

■ 69.5580, -10.4990,
-2.4590

■ 46.9710, -10.2240,
-1.9360

■ 25.8570, -9.9030,
-2.2470

■ 2.4280, -4.0810,

2.3750

■ 0.0000, 0.0000,
0.0000

■ 170.0740,
-12.0120, -2.5720

■ 170.0740,
-12.0120, -2.5720

■ 162.9310,
-21.9150, -4.8190

■ 177.2170, -2.1090,
-0.3250

■ 155.7880,
-31.8180, -7.0660

■ 184.3600, 7.7940,
1.9220

■ 148.0580,
-41.4460, -8.7900

■ 192.0900, 17.4220,
3.6460

■ 140.9150,
-51.3490, -11.0370

■ 199.2330, 27.3250,
5.8930

■ 133.7720,
-61.2520, -13.2840

■ 206.0770, 36.6320,
7.9280

■ 126.9280,
-70.5590, -15.3190

■ 210.5290, 41.1710,
8.2670

■ 119.1980,
-80.1870, -17.0430

■ 212.8770, 40.0710,
6.1750

■ 112.0550,
-90.0900, -19.2900

■ 214.6380, 39.2460,
4.6060

■ 106.6950,
-97.8840, -21.2120

■ 216.3990, 38.4210,
3.0370

Harmonies

Analogous

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



169.9770, -10.3610, -4.9610



170.0740, -12.0120, -2.5720



171.1390, -10.6370, 0.0430

Triad

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



170.0740, -12.0120, -2.5720



172.9130, 4.8590, 5.5550



171.4150, 5.9610, -3.4070

Complementary

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



170.0740, -12.0120, -2.5720



165.9260, 12.0120, 2.5720

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.



172.1490, 9.7660, -0.7780



170.0740, -12.0120, -2.5720



173.3110, 9.4900, 4.2260

Square

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



170.0740, -12.0120, -2.5720



172.8630, -0.8720, 4.7920



172.6270, 11.4160, 2.3600



170.8380, 0.2760, -5.0040

Rectangle

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



170.0740, -12.0120, -2.5720



171.2750, -8.0240, 2.2480



172.6270, 11.4160, 2.3600



171.7250, 8.0240, -2.2480

Sweetspot

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



170.0740, -12.0120, -2.5720



228.1350, -4.8140, -0.8620



170.3700, -7.3340, -10.2620



114.6190, -3.3010, -0.7490



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



170.0740, -12.0120, -2.5720



218.0130, -19.2100, -4.2820



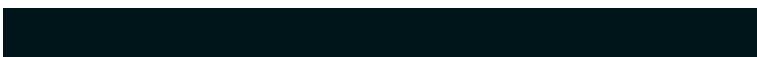
163.6170, -8.9870, 3.1810



85.7220, -5.0890, -1.3850



90.8170, -83.4880, -17.7920



15.2910, -14.1210, -2.8970

Inverse Universe

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



165.6300, 7.3340, 10.2620



210.7710, 11.5510, 16.4390



172.3830, 8.9870, -3.1810



83.6030, 2.7960, 4.3960



59.9970, 51.0630, 71.3110



10.1680, 8.7550, 12.0430

Previews

White Background



This preview shows how the YIQ color 170.0740, -12.0120, -2.5720 looks on a white background.

Color Contrast Check

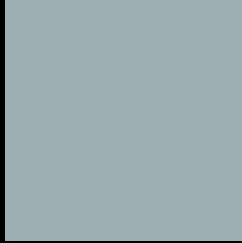
Large Text (above 18pt) WCAG AA × Fail

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 170.0740, -12.0120, -2.5720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

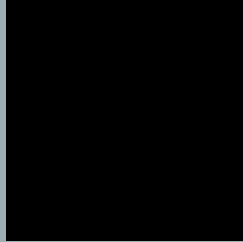
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

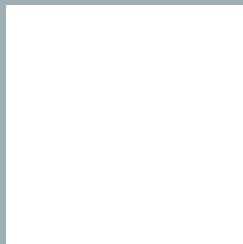
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 170.0740, -12.0120, -2.5720

Background



This preview shows how black text looks on a background with the YIQ color 170.0740, -12.0120, -2.5720.



This preview shows how white text looks on a background with the YIQ color 170.0740, -12.0120, -2.5720.

-2.5720.

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

170.0740, -12.0120, -2.5720

Protanopia

172.1680, -0.4130, 1.9790

Deuteranopia

173.0920, 5.9130, 8.4810



Tritanopia

170.9970, -13.1130, 0.8630

Trichromacy



Original Color

170.0740, -12.0120, -2.5720

Protanomaly

171.0750, -4.5850, 0.4950

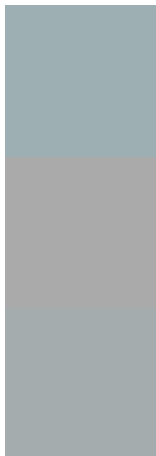
Deuteranomaly

171.7490, -0.5510, 4.4810

Tritanomaly

170.3560, -12.7460, -0.2820

Monochromacy



Original Color

170.0740, -12.0120, -2.5720

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.0210, -4.4930, -1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.0740, -12.0120, -2.5720 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(157, 175, 179)` looks like.

```
.text, #text, p{  
    color:rgb(157, 175, 179)  
}
```

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(157, 175, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 175, 179) }
```

Border

The CSS property to change the border of an element to YIQ 170.0740, -12.0120, -2.5720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

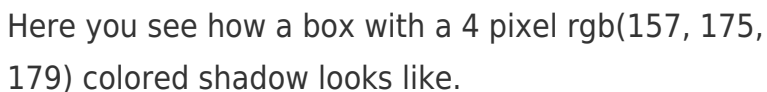
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 175, 179) }
```


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

```
.border{ border-color:rgb(157, 175, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 175, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 175, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 175, 179);  
box-shadow:4px 4px 4px 4px rgb(157, 175,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 170.0740, -12.0120, -2.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 175, 179) }
```

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

```
.background{ background-color: rgb(157,  
175, 179) }
```

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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