

Converting Colors

YIQ(174.8050, -12.1520,
10.9840)

Have a look what the booklet for
YIQ(174.8050, -12.1520, 10.9840)
contains.

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Color

**YIQ(174.8050, -12.1520,
10.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	AAABCF
RGB	170, 171, 207
RGB Percent	67%, 67%, 81%
CMY	0.3333, 0.3294, 0.1883
CMYK	0.18, 0.17, 0.00, 0.19
HSL	238°, 28%, 74%
HSV	238°, 18%, 81%
XYZ	42.4018, 42.1767, 64.9251
YIQ	174.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

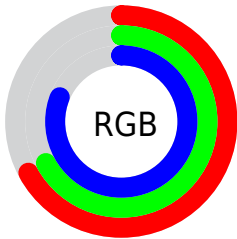
Format	Color
RYB	170, 171, 207
Decimal	11185103
CIELab	70.99, 7.08, -18.35
CIELCh	71, 19.669, 291.100
Yxy	42.1767, 0.2836, 0.2821
Android (android.graphics.Color)	4289375183 (0xFFAAABCF)
YUV	174.8050, 15.8721, -4.2140
Hunter-Lab	64.9436, 2.8917, -13.8127

Details

The YIQ color $174.8050, -12.1520, 10.9840$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $202.1950, 12.1520, -10.9840$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $229.3060, -9.3090, 9.0190$, and $122.2780, -12.1060, 10.1500$ is the 20% darker color. If you saturate the color by 10%, you get $156.7860, -19.1680, 16.9920$, and if you desaturate by 10%, it is $192.8240, -5.1360, 4.9760$.

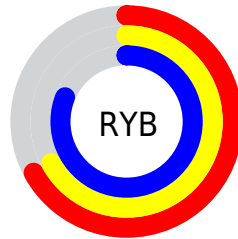
Distribution



Red (67%)

Green (67%)

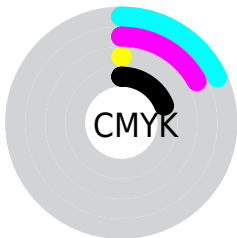
Blue (81%)



Red (67%)

Yellow (67%)

Blue (81%)

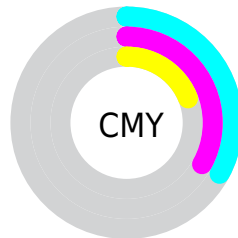


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (19%)



Cyan (33%)

Magenta (33%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8050, -12.1520, 10.9840 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 174.8050, -12.1520, 10.9840 by changing the saturation by 10% instead.

■ 174.8050,
-12.1520, 10.9840

■ 174.8050,
-12.1520, 10.9840

■ 255.0000, -0.0000,
-0.0000

■ 148.2780,
-12.1060, 10.1500

■ 229.3060, -9.3090,
9.0190

■ 122.2780,
-12.1060, 10.1500

■ 254.7010, -0.5960,
-0.2120

■ 97.1640, -11.7850,
9.8390

■ 73.6370, -11.7390,
9.0050

■ 50.4090, -11.0970,
8.3830

■ 29.4690, -11.3260,
7.0260

■ 3.7620, -10.5930,

10.2630

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 174.8050,
-12.1520, 10.9840

■ 174.8050,
-12.1520, 10.9840

■ 156.7860,
-19.1680, 16.9920

■ 192.8240, -5.1360,
4.9760

■ 139.0660,
-25.5880, 23.2120

■ 210.5440, 1.2840,
-1.2440

■ 121.0470,
-32.6040, 29.2200

■ 228.5630, 8.3000,
-7.2520

■ 102.4410,
-39.3450, 35.7510

■ 247.1690, 15.0410,
-13.7830

■ 84.7210, -45.7650,
41.9710

■ 249.5280, 15.4080,
-14.9280

■ 66.7020, -52.7810,
47.9790

■ 48.6830, -59.7970,
53.9870

■ 30.6640, -66.8130,
59.9950

■ 27.1200, -68.0970,
61.2390

Harmonies

Analogous

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



171.3790, -28.7480, 3.3800



174.8050, -12.1520, 10.9840



176.6070, 6.1410, 15.3650

Triad

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



174.8050, -12.1520, 10.9840



175.2070, 30.2140, 3.0940



167.5250, -24.0680, -15.3640

Complementary

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



174.8050, -12.1520, 10.9840



202.1950, 12.1520, -10.9840

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.



169.5070, -6.4620, -15.0540



174.8050, -12.1520, 10.9840



173.9300, 23.3840, -5.2880

Square

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



174.8050, -12.1520, 10.9840



176.6510, 29.2040, 10.3880



171.8850, 10.0890, -12.1430



166.5870, -35.8060, -11.8860

Rectangle

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



174.8050, -12.1520, 10.9840



176.9950, 16.7320, 16.1560



171.8850, 10.0890, -12.1430



168.0480, -18.2910, -15.4350

Sweetspot

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



174.8050, -12.1520, 10.9840



244.0690, -4.4480, 3.5200



195.8230, -21.7310, -8.1550



120.9120, -2.5680, 2.4880



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



174.8050, -12.1520, 10.9840



208.3300, -17.8840, 15.7480



179.3010, -1.7450, 15.1110



95.2540, -3.5310, 3.4210



22.0870, -55.3030, 49.6330



5.2610, -13.4360, 12.2280

Inverse Universe

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



181.1770, 21.7310, 8.1550



217.3740, 31.5420, 12.0700



197.6990, 1.7450, -15.1110



97.2890, 6.5560, 2.3320



50.8020, 98.5230, 37.1710



12.3730, 24.1150, 9.0030

Previews

White Background



This preview shows how the YIQ color 174.8050, -12.1520, 10.9840 looks on a white background.

Color Contrast Check

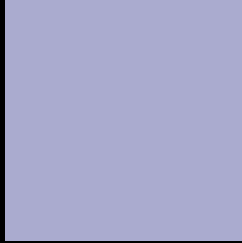
Large Text (above 18pt) WCAG AA × Fail

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 174.8050, -12.1520, 10.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

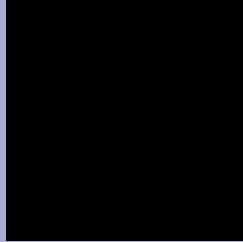
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.8050, -12.1520, 10.9840

Background



This preview shows how black text looks on a background with the YIQ color 174.8050, -12.1520, 10.9840.



This preview shows how white text looks on a background with the YIQ color 174.8050, -12.1520, 10.9840.

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

174.8050, -12.1520, 10.9840

Protanopia

174.3100, -15.1320, 9.9240

Deuteranopia

175.4140, -9.4930, 12.3550



Tritanopia

173.5030, -8.6660, 2.8700

Trichromacy



Original Color

174.8050, -12.1520, 10.9840

Protanomaly

174.6090, -14.5360, 10.1360

Deuteranomaly

175.1150, -10.0890, 12.1430

Tritanomaly

174.0130, -10.0420, 5.7820

Monochromacy



Original Color

174.8050, -12.1520, 10.9840

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.1830, -4.7690, 3.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8050, -12.1520, 10.9840 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(170, 171, 207)` looks like.

```
.text, #text, p{  
    color:rgb(170, 171, 207)  
}
```

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(170, 171, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 171, 207) }
```

Border

The CSS property to change the border of an element to YIQ 174.8050, -12.1520, 10.9840 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(170, 171, 207) }
```


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

```
.border{ border-color:rgb(170, 171, 207) }
```

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

Here you see how a box with a 4 pixel rgb(170, 171, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 171, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 171, 207);  
box-shadow:4px 4px 4px 4px rgb(170, 171,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8050, -12.1520, 10.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 171, 207) }
```

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

```
.background{ background-color: rgb(170,  
171, 207) }
```

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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