

Converting Colors

YIQ(174.2720, -11.9690,
13.1750)

Have a look what the booklet for
YIQ(174.2720, -11.9690, 13.1750)
contains.

YIQ(174.2720, -11.9690, 13.1750)	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(174.2720, -11.9690,
13.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA9D2
RGB	171, 169, 210
RGB Percent	67%, 66%, 82%
CMY	0.3294, 0.3372, 0.1765
CMYK	0.19, 0.20, 0.00, 0.18
HSL	243°, 31%, 74%
HSV	243°, 20%, 82%
XYZ	42.6144, 41.6866, 66.7599
YIQ	174.2720, -11.9690, 13.1750

Conversions

Conversions Part 2

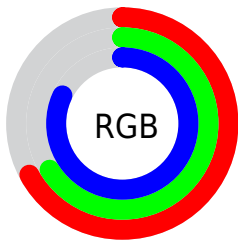
Format	Color
R _Y B	171, 169, 210
Decimal	11250130
CIE Lab	70.65, 9.18, -20.50
CIE LCh	71, 22.464, 294.110
Yxy	41.6866, 0.2821, 0.2760
Android (android.graphics.Color)	4289440210 (0xFFABA9D2)
YUV	174.2720, 17.6139, -2.8695
Hunter-Lab	64.5652, 4.8250, -16.1098

Details

The YIQ color $174.2720, -11.9690, 13.1750$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $204.7280, 11.9690, -13.1750$, and the grayscale version is $174.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $228.4310, -8.1630, 10.2770$, and $121.6310, -11.6020, 12.0300$ is the 20% darker color. If you saturate the color by 10%, you get $155.9650, -18.1140, 19.9180$, and if you desaturate by 10%, it is $192.5790, -5.8240, 6.4320$.

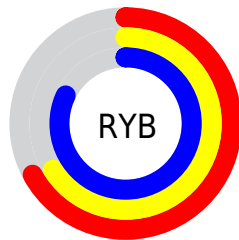
Distribution



Red (67%)

Green (66%)

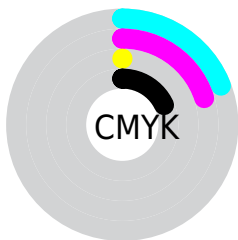
Blue (82%)



Red (67%)

Yellow (66%)

Blue (82%)

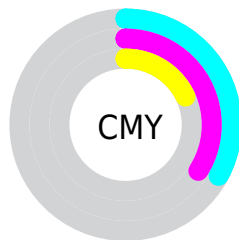


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (33%)

Magenta (34%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.2720, -11.9690, 13.1750 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 174.2720, -11.9690, 13.1750 by changing the saturation by 10% instead.

■ 174.2720,
-11.9690, 13.1750

■ 174.2720,
-11.9690, 13.1750

■ 255.0000, -0.0000,
-0.0000

■ 147.7450,
-11.9230, 12.3410

■ 228.4310, -8.1630,
10.2770

■ 121.6310,
-11.6020, 12.0300

■ 253.8260, 0.5500,
1.0460

■ 96.5170, -11.2810,
11.7190

■ 72.9900, -11.2350,
10.8850

■ 50.4630, -11.1890,
10.0510

■ 28.6370, -11.7390,
9.0050

■ 4.2890, -10.6390,

11.0970

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 174.2720,
-11.9690, 13.1750

■ 174.2720,
-11.9690, 13.1750

■ 155.9650,
-18.1140, 19.9180

■ 192.5790, -5.8240,
6.4320

■ 137.6580,
-24.2590, 26.6610

■ 210.8860, 0.3210,
-0.3110

■ 119.3510,
-30.4040, 33.4040

■ 229.1930, 6.4660,
-7.0540

■ 101.0440,
-36.5490, 40.1470

■ 247.5000, 12.6110,
-13.7970

■ 82.7370, -42.6940,
46.8900

■ 249.8700, 14.4450,
-13.9950

■ 64.4300, -48.8390,
53.6330

■ 46.1230, -54.9840,
60.3760

■ 27.8160, -61.1290,
67.1190

■ 26.9300, -61.4500,
67.4300

Harmonies

Analogous

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



170.3510, -31.5450, 4.5110



174.2720, -11.9690, 13.1750



175.8570, 8.4330, 17.8810

Triad

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



174.2720, -11.9690, 13.1750



174.5340, 33.6070, 2.1750



164.8340, -29.4320, -17.2720

Complementary

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



174.2720, -11.9690, 13.1750



204.7280, 11.9690, -13.1750

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.



167.6590, -9.9460, -17.9940



174.2720, -11.9690, 13.1750



172.2460, 25.3100, -7.1540

Square

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



174.2720, -11.9690, 13.1750



175.5160, 34.0180, 11.2500



170.4180, 9.9060, -14.3340



163.9390, -42.7290, -13.0730

Rectangle

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



174.2720, -11.9690, 13.1750



176.3160, 20.2620, 18.2620



170.4180, 9.9060, -14.3340



166.1290, -23.0130, -17.9650

Sweetspot

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



174.2720, -11.9690, 13.1750



241.7100, -4.8150, 4.6650



197.1540, -24.1610, -8.1690



120.0260, -2.8890, 2.7990



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.



174.2720, -11.9690, 13.1750



203.6230, -17.1510, 18.9850



180.2520, -0.0490, 17.4150



95.5530, -2.9350, 3.6330



21.5440, -49.1600, 53.9440



5.2720, -11.9690, 13.1750

Inverse Universe

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



185.7050, 11.9170, 20.8210



220.0250, 17.1880, 29.9240



198.7480, 0.0490, -17.4150



98.4290, 3.3460, 5.4420



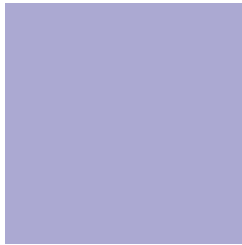
68.4720, 48.7680, 85.3760



16.7050, 11.9170, 20.8210

Previews

White Background



This preview shows how the YIQ color 174.2720, -11.9690, 13.1750 looks on a white background.

Color Contrast Check

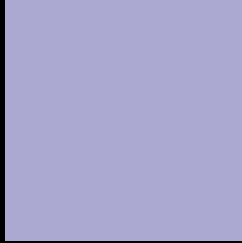
Large Text (above 18pt) WCAG AA × Fail

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 174.2720, -11.9690, 13.1750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

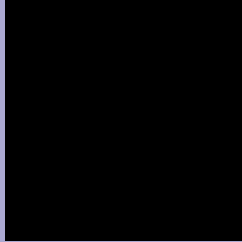
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.2720, -11.9690, 13.1750

Background



This preview shows how black text looks on a background with the YIQ color 174.2720, -11.9690, 13.1750.



This preview shows how white text looks on a background with the YIQ color 174.2720, -11.9690,

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

174.2720, -11.9690, 13.1750

Protanopia

173.4670, -17.0120, 10.9560

Deuteranopia

174.2720, -11.9690, 13.1750



Tritanopia

172.8020, -8.0700, 3.0820

Trichromacy



Original Color

174.2720, -11.9690, 13.1750

Protanomaly

173.7770, -14.9490, 12.1150

Deuteranomaly

174.2720, -11.9690, 13.1750

Tritanomaly

173.4260, -9.7670, 6.3050

Monochromacy



Original Color

174.2720, -11.9690, 13.1750

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.0090, -4.2190, 4.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.2720, -11.9690, 13.1750 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(171, 169, 210)` looks like.

```
.text, #text, p{  
    color:rgb(171, 169, 210)  
}
```

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(171, 169, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 169, 210) }
```

Border

The CSS property to change the border of an element to YIQ 174.2720, -11.9690, 13.1750 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(171, 169, 210) }
```


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

```
.border{ border-color:rgb(171, 169, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 169, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 169, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 169, 210);  
box-shadow:4px 4px 4px 4px rgb(171, 169,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 174.2720, -11.9690, 13.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 169, 210) }
```

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

```
.background{ background-color: rgb(171,  
169, 210) }
```

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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